

60

WATER QUALITY DATA

for

Ontario Streams and Lakes

1965 - 66

VOLUME II

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Toronto 195, Ontario.

River Basins Surveys Program,  
Water Quality Surveys Branch.

ONTARIO WATER RESOURCES COMMISSION

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## INTRODUCTION

The data presented in this publication were collected as part of a routine program designed to provide a reliable record of basic water quality information at specific points on rivers and inland lakes in Ontario. Similar water quality data on the Great Lakes, their interconnecting channels and the St. Lawrence River collected by the Ontario Water Resources Commission will be published in a separate compilation at regular intervals. The information is used by the Commission to maintain surveillance over water quality, and to provide supporting data used in the analysis and prediction of water quality for planning and other purposes. The data are made available to those concerned with the quality of our rivers and lakes and the management of waste sources to control water pollution.

Sampling stations were selected at points considered representative of the general condition of the body of water. Since it is important to relate quality data with streamflow, the sampling stations were located, where practicable, in the vicinity of recording gauging stations maintained by the Canada Department of Energy, Mines and Resources. Where supplementary streamflow information was required, the Commission arranged for the installation of staff gauges near sampling

stations, and by September 30, 1966, seventeen such gauges were installed.

Analysis of samples included some or all of the following parameters: total coliforms; alkalinity; anionic detergent; arsenic (total); biochemical oxygen demand; chemical oxygen demand; chlorides; chromium (total); conductivity; copper (total); cyanide; dissolved oxygen; ether solubles; fluoride (total); hardness; iron (total); lead (total); nickel (total); nitrogen: free ammonia, total kjeldahl, nitrite, nitrate; pH; phenols; phosphorus: total and soluble; solids: total and suspended; sulphate; turbidity and zinc (total).

The water quality monitoring program was commenced in July 1964 with 89 streams being sampled. By the end of the 1965-66 water year (September 30th, 1966), the program had been expanded to include a total of 124 rivers at 326 sampling stations. The Commission is assisted in the collection of water quality data in Southern Ontario by eleven conservation authorities.

The drainage basins that contribute to the Great Lakes and interconnecting channels and the St. Lawrence River are shown in the following figures.

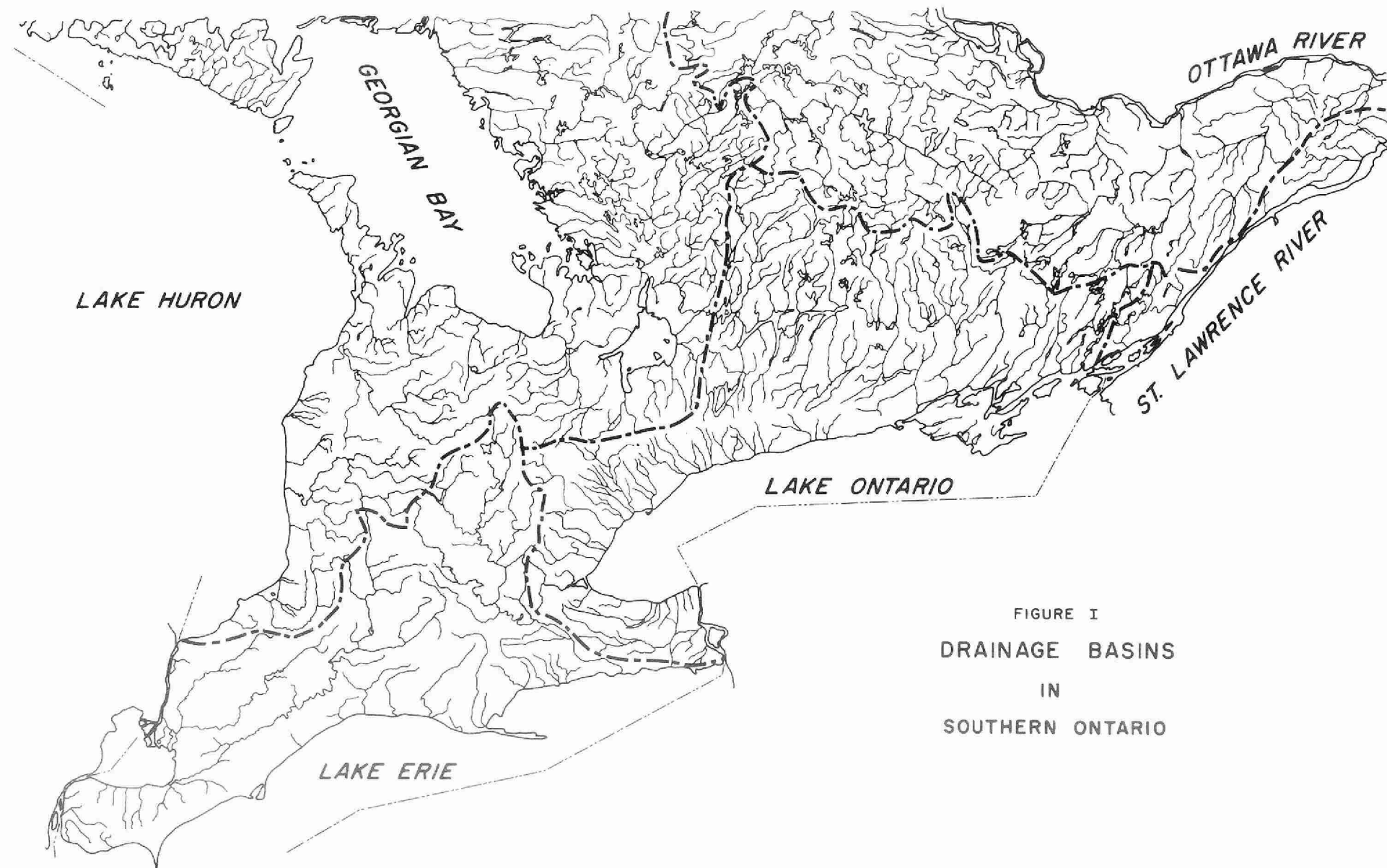


FIGURE I  
DRAINAGE BASINS  
IN  
SOUTHERN ONTARIO

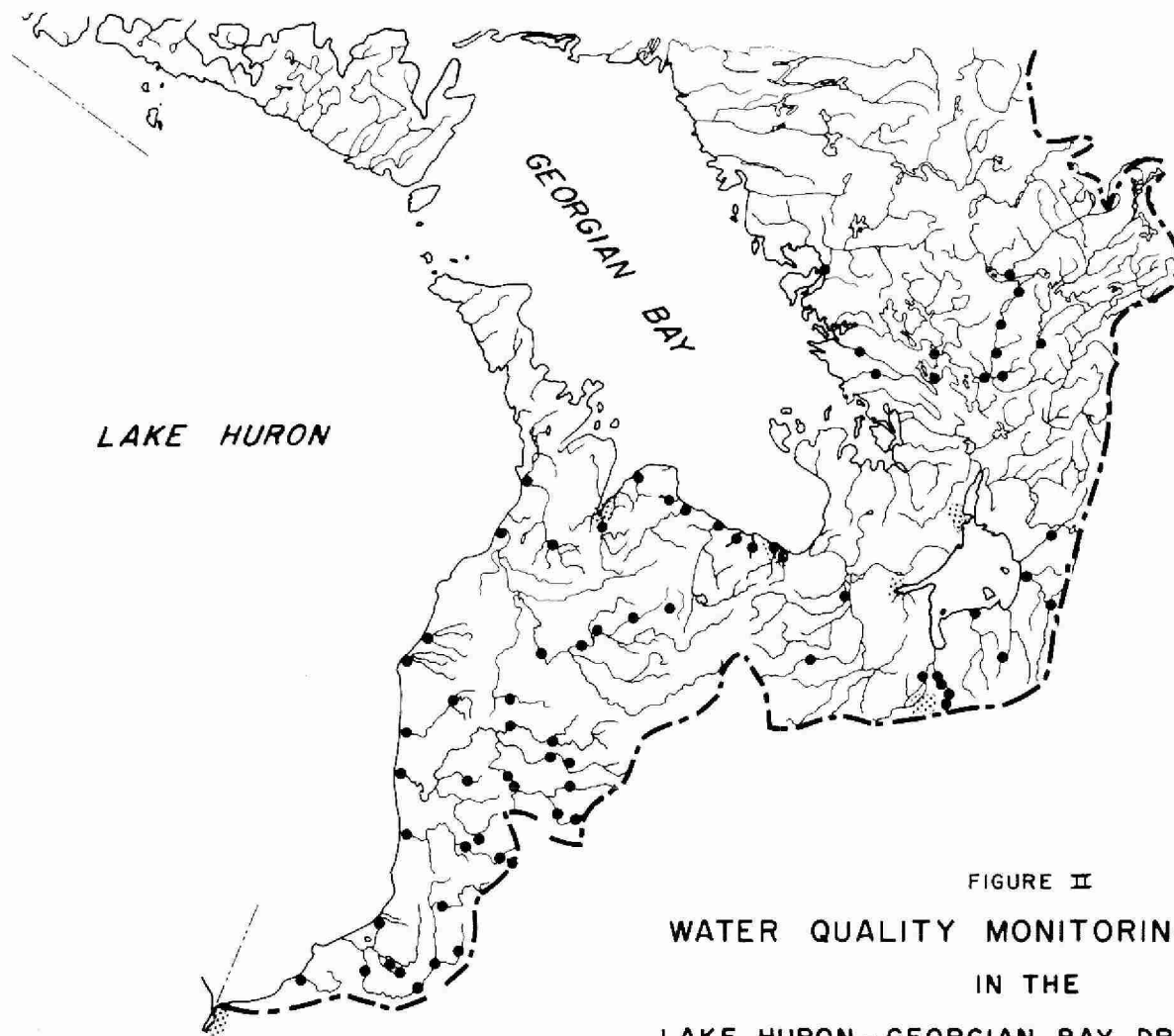
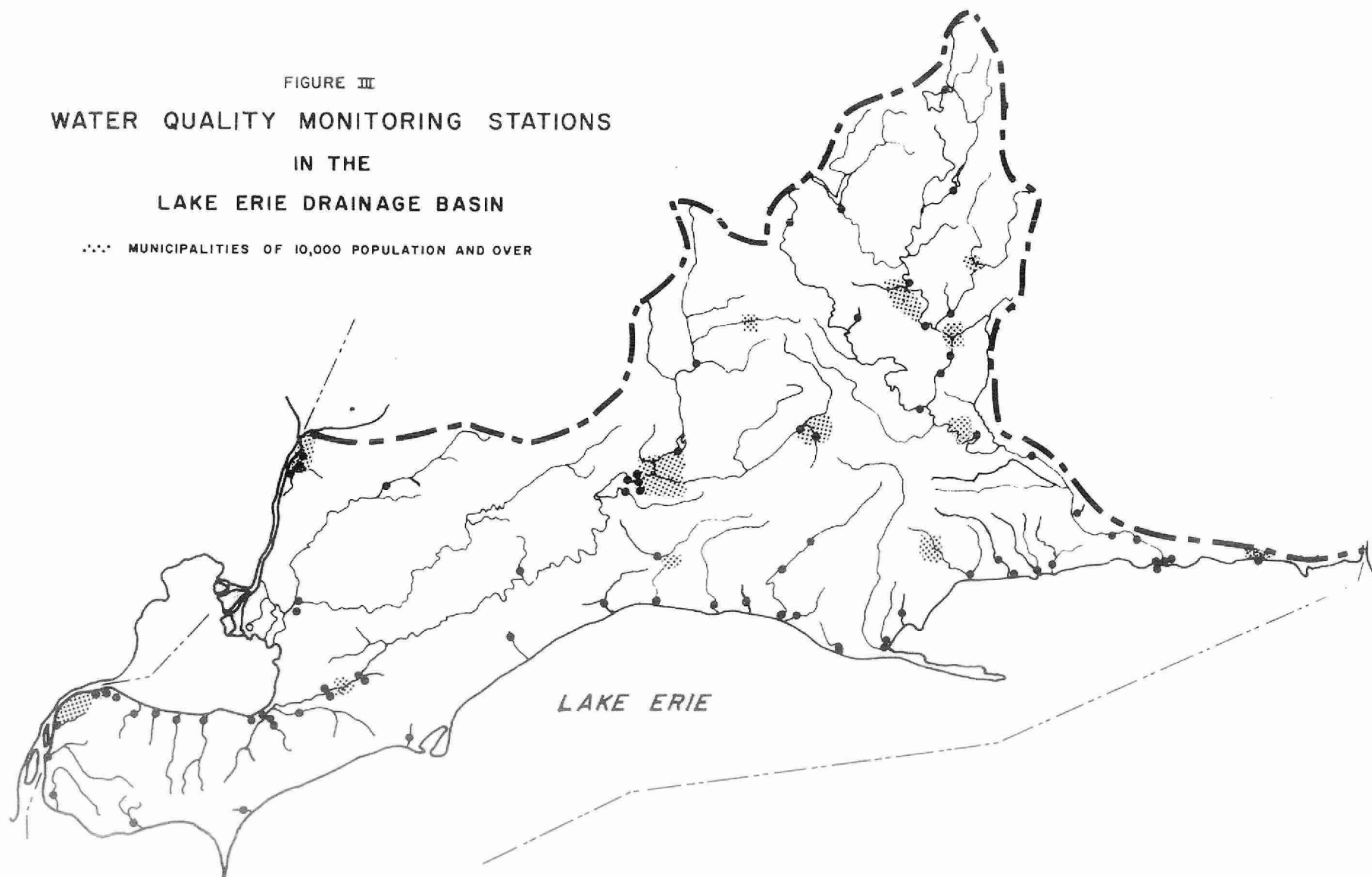


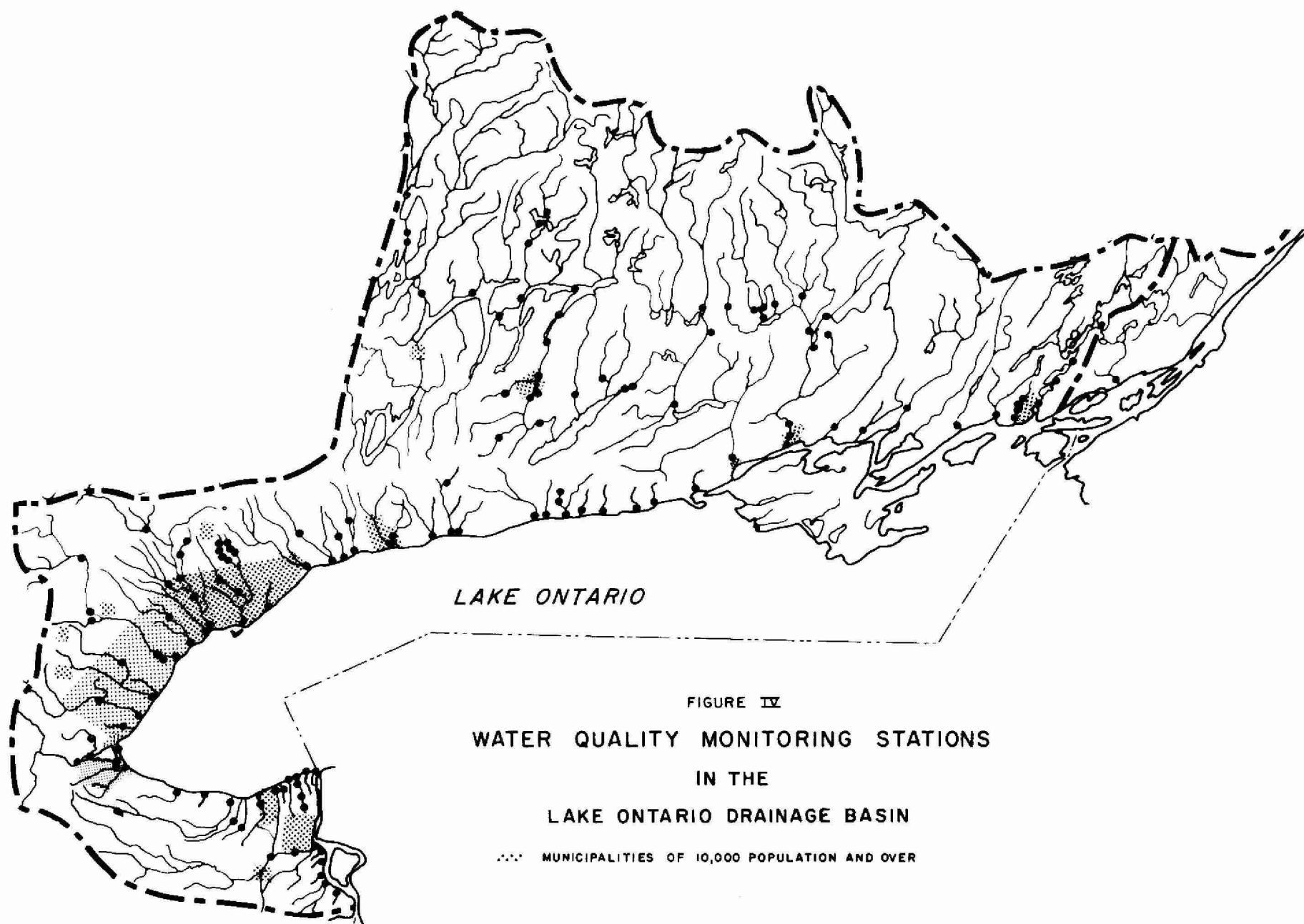
FIGURE II  
WATER QUALITY MONITORING STATIONS  
IN THE  
LAKE HURON - GEORGIAN BAY DRAINAGE BASIN

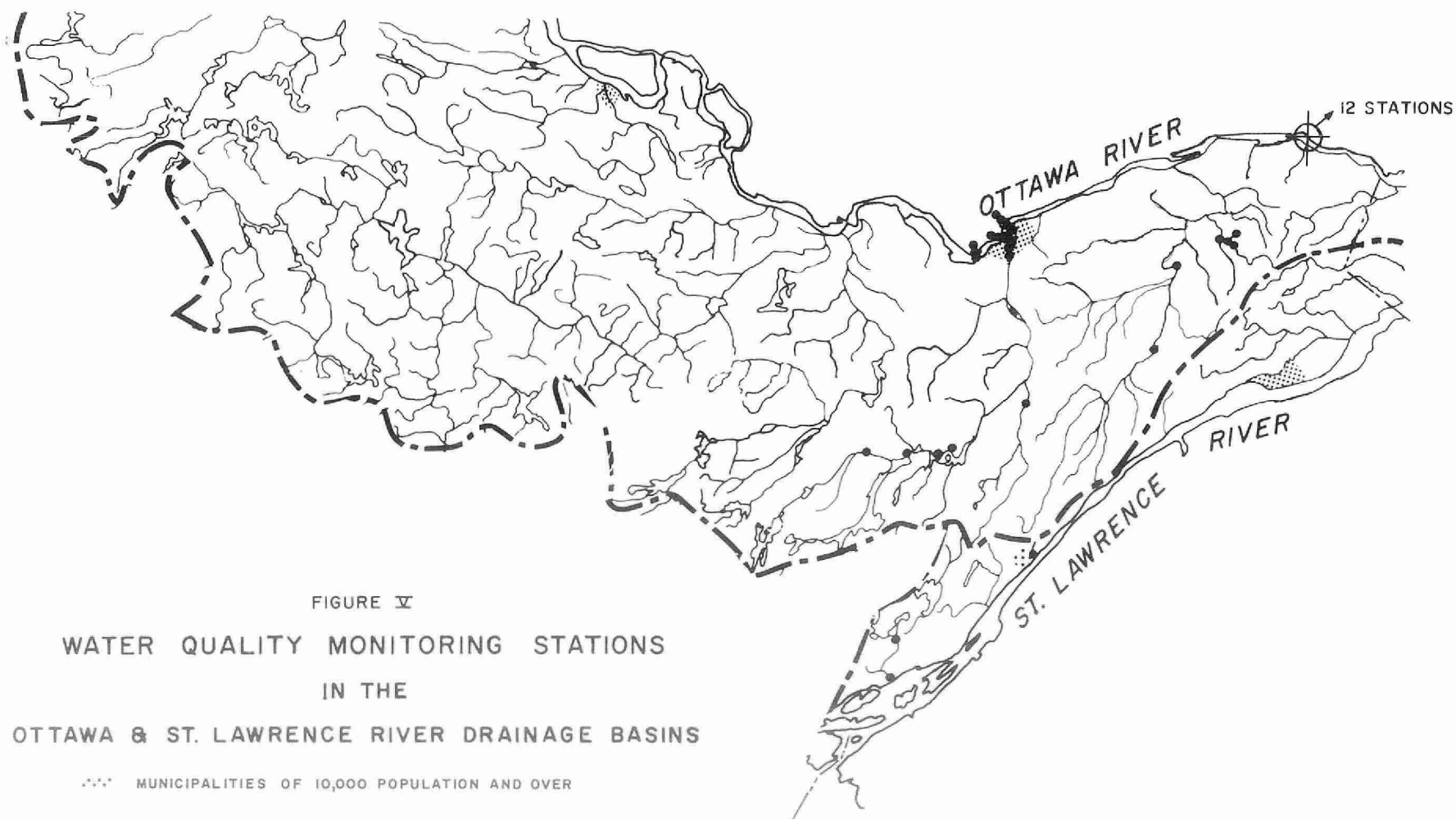
.... MUNICIPALITIES OF 10,000 POPULATION AND OVER

FIGURE III  
WATER QUALITY MONITORING STATIONS  
IN THE  
LAKE ERIE DRAINAGE BASIN

..... MUNICIPALITIES OF 10,000 POPULATION AND OVER







## INTERPRETATION OF DATA

All of the laboratory tests included in the report were performed at the Ontario Water Resources Commission, Division of Laboratories.

### (a) BACTERIOLOGICAL EXAMINATION

#### Total Coliforms:

The Membrane Filter technique was used to obtain a direct enumeration of coliform organisms. These organisms are normal inhabitants of the intestines of man and other warm-blooded animals and soils. They are always present in large numbers in sewage, but generally minimal in other stream pollutants.

The results of the examinations are reported as "MF Coliform count per 100 ml". The objective is that the total coliform count in water should not exceed 2,400 organisms per 100 ml.

### (b) CHEMICAL ANALYSIS

#### Alkalinity:

The alkalinity of natural waters is caused by three major classes of materials which may be ranked in order of their effect on pH as follows:

- 1) Hydroxides (rarely present in Ontario waters)
- 2) Carbonates
- 3) Bicarbonates and other salts of weak acids.

The alkalinity of water has little sanitary significance but is of importance in water, sewage and industrial waste treatment practices.

#### Anionic Detergent:

The test for alkyl benzene sulphonate (ABS) and reported as anionic detergent is generally employed to indicate the presence of discharges of wastewater. The popular use of synthetic detergents for general cleaning purposes has resulted in the incidence of residual ABS in streams. As an objective, the ABS concentration should not exceed 0.5 ppm in water used for domestic purposes.

#### Arsenic:

Arsenic is very toxic to humans as indicated by the lethal dose concentration of 187 mg. The level of arsenic in a water supply should not exceed 0.05 ppm. The element may occur to a small extent naturally, mostly as pyrites and as arsenides of metals. Elemental arsenic is insoluble in water but many of the arsenates are highly soluble.

#### Biochemical Oxygen Demand, (BOD<sub>5</sub>):

The biochemical oxygen demand (BOD<sub>5</sub>) indicates the amount of oxygen required for the stabilization of decomposable organic matter present in sewage or polluted water. The completion of the laboratory test requires five days at a temperature of 20°C. The Commission's water quality objective is an upper limit of 4 ppm.

#### Chemical Oxygen Demand, (COD):

The chemical oxygen demand is used in measuring the strength of sewages and industrial wastes. The major advantage of this test is that laboratory results can be obtained in about three hours compared to five days



for the biochemical oxygen demand test. The chief limitation of the COD analysis is its inability to differentiate between biologically oxidizable and biologically inert organic matter. The COD almost always exceeds in magnitude the  $BOD_5$  test.

#### Chlorides:

Chlorides are universally present in sewage and many industrial wastes and naturally in most waters. The OWRC 1964 drinking water objectives recommend that chloride be limited to 250 ppm in supplies intended for public use. At concentrations above 250 ppm water begins to taste salty which is objectionable to many people.

#### Chromium:

The maximum permissible concentration of hexavalent chromium ( $Cr^{+6}$ ) for water supplies is 0.05 ppm. Chromium may occur in this form in wastewaters from the manufacture of chromates, in chromium plating wastes and as trivalent chromium in chrome tanning liquor. Trivalent chromium ( $Cr^{+3}$ ) and hexavalent chromium ( $Cr^{+6}$ ) may exist in water supplies, although the trivalent form rarely occurs in potable water supplies since it precipitates as hydroxide in a neutral or alkaline medium.

#### Conductivity:

The conductivity test provides a measure of the electrolytic properties of water. The presence of dissolved ions in solutions such as chlorides, sulphates, and calcium, renders water conductive. In many waters

there is a direct linear relationship between dissolved solids concentrations and conductivity. Conductivity serves as a control parameter and is an excellent indicator of water quality changes since it is relatively sensitive to variations in dissolved solids concentrations. Conductance is the reciprocal of resistance and is recorded in the unit mho. Natural waters have specific conductance values which are less than one mho, and in order to avoid inconvenient decimals, data are reported in micromhos per centimeter cube.

#### Copper:

Copper compounds are toxic to aquatic life. Copper salts occur in natural surface waters in trace concentrations, up to approximately 0.5 ppm and may occur in industrial waste discharges. It is used as an algicide for the control of undesirable algae growth. The OWRC limit for copper in drinking water is 1 ppm.

#### Cyanide (CN<sup>-</sup>):

Cyanides are likely to occur in effluents from gas works and coke ovens, from the scrubbing of gases produced from blast furnaces, in wastes from the surface cleaning of various metals and electroplating processes, and chemical industries. Cyanide in water is toxic to biological life, the toxicity concentration depending on water quality, temperature and type and size of organism. Fish appear to be greatly affected with values as low as 0.05 ppm being reported toxic to trout. The OWRC Drinking Water objective is less or equal to 0.01 ppm as  $CN^-$ .

#### Dissolved Oxygen:

Dissolved oxygen is derived from the air directly or through the photosynthetic process of aquatic plants. Ample dissolved oxygen is vitally necessary to maintain satisfactory fish and other biological life in water. A minimum concentration of 4.0 ppm is recommended. Organic wastes and in some cases inorganic materials exert upon decomposition an oxygen demand which may deplete the dissolved oxygen below levels required by aquatic life. As a result, a minimum objective of 4 ppm is recommended.

#### Ether Solubles:

An organic solvent mixture consisting of equal volumes of ether and carbon tetrachloride is used to extract dissolved or emulsified oil and grease from water. The residue obtained upon the evaporation of the solvent usually indicates the presence of oil and grease in water.

#### Fluoride:

Fluorides in high concentrations are not a common constituent of natural surface waters, but may occur in detrimental concentrations in ground waters. A condition known as "mottled enamel" (dental fluorosis) may occur when the concentration of fluoride-ion in drinking water is in excess of 1.0 ppm. In drinking water, a fluoride concentration of 1 ppm with a permissible operating range of 0.8 ppm to 1.2 ppm is recommended for optimal dental health.

#### Hardness:

The hardness of water reflects the nature of the geological formations with which it has been in contact. No specific limit is placed on hardness although it is

usually recommended that water for domestic uses should contain less than 250 ppm hardness as  $\text{CaCO}_3$ . This objective has been used to avoid excessive soap consumption.

The degrees of hardness are indicated as:

Soft	0 - 60 ppm
Moderately hard	61 - 120 ppm
Hard	121 - 180 ppm
Very hard	Greater than 180 ppm

#### Iron:

The recommended maximum limit for iron in water supplies is 0.3 ppm. Waters with concentrations of iron in excess of 0.3 ppm are not harmful to consumers but may have sediment-forming properties and promote the growth of iron bacteria. The latter may cause taste and odour problems.

#### Lead:

Lead compounds are toxic to all forms of life. They may occur in natural waters or in various industrial and mining effluents. The maximum allowable concentration of lead in potable water is 0.05 ppm.

#### Nickel:

No data on the toxicity of nickel to man have been reported, but the toxicity is believed to be very low. Levels of 0.1 ppm have been reported to adversely affect plant life. Nickel in ores and minerals is insoluble but as a salt (nickel ammonium sulphate, nickel nitrite, nickel chloride) is highly soluble. Electroplating wastes may contain substantial amounts of nickel salts.

## Nitrogen:

### Free Ammonia:

Free ammonia is the soluble product in the decomposition of nitrogenous organic matter. It is also formed when nitrites and nitrates are reduced to ammonia either biologically or chemically. Small amounts of ammonia, too, may be taken out of the atmosphere by rain water. The following values may be of general significance in appraising free ammonia content: Low 0.015 - 0.03 ppm: Moderate - 0.03 - 0.10 ppm: High - 0.10 ppm or greater.

### Total Kjeldahl:

Total kjeldahl is a measure of the total nitrogenous matter present except that measured as nitrite and nitrate. The total kjeldahl less the ammonia nitrogen gives a measure of the organic nitrogen present. Ammonia and organic nitrogen determinations are important in assessing the availability of nitrogen for biochemical utilization. The normal range for total kjeldahl is 0.1 - 0.5 ppm.

### Nitrite:

Nitrite is usually an intermediate oxidation product of ammonia. The significance of nitrites, therefore, varies with their amount, source and relation to other constituents of the samples, notably the relative magnitude of ammonia and nitrate present. Since nitrite is rapidly and easily converted to nitrate, its presence in concentrations greater than a few thousandths of a part per million is generally indicative of active biological processes in the water.

## Nitrate:

Nitrate is the end product of aerobic decomposition of nitrogenous matter, and its presence carries this significance. Nitrate concentration is of particular interest in relation to the other forms of nitrogen that may be present in the sample. Nitrates occur in the crust of the earth and are a source of its fertility. The following ranges in concentration may be used as a guide: Low - less than 0.1 ppm: Moderate - 0.1 - 1.0 ppm: High - greater than 1.0 ppm.

### pH:

The symbol pH is used to designate the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration. It is an index of the acidity or alkalinity of the solution. The practical pH extends from 0, very acid, to 14, very alkaline, with the middle value of pH 7 corresponding to exact neutrality (at 25°C). It is an objective of the OWRC that the pH of surface waters should not be less than 6.7 or greater than 8.5.

### Phenols:

The phenolic compounds, collectively referred to as phenols are those hydroxy derivatives of benzene or its condensed nuclei, which are determined by the Gibbs or 4-Amino-ampy-pyrene methods. The results are reported in parts per billion. Phenols are present in waste flows from many industrial processes. Depending on the concentration, the presence of these materials may be toxic to fish, or may taint the flesh of fish. Phenols in very minute concentrations will combine with chlorine to produce intense tastes and odours which are variously described as medicinal, chemical and iodoform.

### Phosphorus:

This element is commonly found in nature in the form of phosphates ( $\text{PO}_4$ ). Raw or treated sewage, some industrial wastes, and agricultural drainage contain significant concentrations of phosphates. The laboratory provides two phosphorus determinations: total phosphorus and soluble phosphorus. Total phosphorus includes orthophosphate, polyphosphate and organic phosphorus, while soluble phosphorus represents orthophosphates only.

Phosphorus is an essential nutrient for plant life and like nitrogen passes through cycles of decomposition and photosynthesis. Nitrogen and phosphorus are both essential for the growth of algae and limitation of these compounds controls their rate of growth.

### Solids:

The laboratory tests determine the total and suspended solids in a sample. The value for dissolved solids is determined by taking the mathematical difference between the total and suspended solids.

The concentration of suspended solids is generally the most significant of the solids analyses in regard to water quality. The effects of suspended solids in water are reflected in difficulties associated with water purification, deposition in streams, and injury to the habitat of fish.

### Sulphate:

Sulphates may occur naturally in waters and may be contained in industrial wastes. They are produced from the final oxidation stage of sulphides, sulphates and thiosulphates. Sulphates, under anaerobic condition, can be reduced to hydrogen sulphide which is odorous (rotten eggs) and highly corrosive. The OWRC objective is a maximum concentration of 250 ppm in drinking water.

### Turbidity:

Turbidity is due to fine material in suspension which may not be of sufficient size to be seen as individual particles by the naked eye, but which reduces the passage of light through the liquid. High turbidity is undesirable in natural waters, particularly those which are used for recreational purposes. It is an expression of the optical property of a sample and results are reported in Jackson Turbidity Units (JTU).

### Zinc:

The allowable zinc level in a water supply is a maximum of 5.0 ppm. In most surface and ground waters zinc concentrations are present only in trace amounts. Zinc most commonly enters a domestic water supply through waters which have received waste discharges.

Zinc has no known innocuous physiological effects upon man, except at high concentrations.

# ABBREVIATIONS

Ave.	avenue	ml	millilitre(s)
Blvd.	boulevard	Mt.	mountain
Br.	branch or bridge	N	north
C.	corporation	OWRC	Ontario Water Resources Commission
Can.	Canadian	P	police
Cb	centre bottom	ppb	parts per billion
cfs	cubic feet per second	ppm	parts per million
CN	cyanide	Pt	port
CNR	Canadian National Railway	QEW	Queen Elizabeth Way
°C	degree(s) Centigrade	R	river
Co.	company or county	R	right
Conc.	concession	Rd	road
CPR	Canadian Pacific Railway	R/R	railroad
Cr.	creek	Rt	right top
Ct	centre top	RW	railway
Dr.	drive	S	south
E	east	St	street or saint
ft.	feet	STP	sewage treatment plant
gt.	great	T	top
hr(s)	hour(s)	tr	trace
Hwy.	highway	Twp.	township
Jct.	junction	V	village
L	lake	W	west
L	left	WPCP	water pollution control plant
Lt	left top	WW	water works
MF	Membrane Filter	yds	yards
mg	milligram	20/12/65	day/month/year
***	sampling discontinued		

PARAMETER ABBREVIATIONS, MAXIMUM VALUES REPORTED AND LOCATION CODES (1)

<u>ABBREVIATION</u>	<u>PARAMETER</u>	<u>MAXIMUM VALUE (2) REPORTED</u>
Alk, CaCO <sub>3</sub> , ppm	Total Alkalinity as CaCO <sub>3</sub> in ppm	9999
Anionic Detergents ppm	Anionic Detergents as ABS in ppm	999.9
Total Arsenic ppm	Total Arsenic in ppm	99.99
5-Day BOD ppm	5 Day Biochemical Oxygen Demand in ppm	999.9
Chemical Oxygen ppm	Chemical Oxygen Demand in ppm	99999
Chloride ppm	Chloride as Cl in ppm	9999
Total Chrome ppm	Total Chromium in ppm	99.99
Coliforms/100 ml	Membrane Filter Coliform Count per 100 ml	99999999
Cond. 25C. umho	Conductivity in micromhos per cubic centimeter at 25 deg. C	9999
Total Copper ppm	Total Copper in ppm	99.99
Cyanide as HCN ppm	Cyanide as HCN in ppm	99.99
DO ppm	Dissolved Oxygen Concentration in ppm	99.9
Ether Solubles ppm	Ether Soluble Compounds in ppm	99999
Flow cfs	Streamflow in cubic feet per second	9999.9
Total Fluoride ppm	Total Fluoride in ppm	999.9
Hardness ppm	Total Hardness as CaCO <sub>3</sub> in ppm	9999
Hour GMT	Time Sample Collected in Greenwich Mean Time (GMT)	
Tot. Iron ppm	Total Iron in ppm	99.99
Tot. Kjel. ppm	Total Kjeldahl as Nitrogen in ppm	99.99
Total Lead ppm	Total Lead in ppm	99.99
NH-3 as N ppm	Ammonia as Nitrogen in ppm	99.99
Total Nickel ppm	Total Nickel in ppm	99.99
NO-2 as N ppm	Nitrite as Nitrogen in ppm	99.99
NO-3 as N ppm	Nitrate as Nitrogen in ppm	99.99
pH at Lab	pH at Laboratory in Standard Units	

PARAMETER ABBREVIATIONS, MAXIMUM VALUES REPORTED AND LOCATION CODES <sup>(1)</sup>

<u>ABBREVIATION</u>	<u>PARAMETER</u>	<u>MAXIMUM VALUE (2)</u> <u>REPORTED</u>
Phenol ppb	Phenol equivalents in ppb	999999
Sol. PO <sub>4</sub> ppm	Phosphate-Soluble as PO <sub>4</sub> in ppm	99.99
Tot. PO <sub>4</sub> ppm	Phosphate-Total as PO <sub>4</sub> in ppm	99.99
Tot. Sol. ppm	Total Solids in ppm	9999
Susp. Sol. ppm	Suspended Solids in ppm	9999
Sulphate as SO <sub>4</sub> ppm	Sulphate as SO <sub>4</sub> in ppm	99999
Turbidity units	Turbidity in Standard Units - Jackson	999.9
	Turbidity Units (JTU)	
Water Temp. C.	Water Temperature in degrees Centigrade	99.9
Total Zinc ppm	Total Zinc in ppm	99.99

(1) The location codes shown in the "Sampling Station Directory" are used in the processing of water quality data to and from the computer tape. The eleven digits commencing at the left and moving to the right refer to the terminal basin (2 digits), stream code (4 digits), station type (2 digits) and station number (3 digits).

(2) When an answer field is filled with asterisks (e.g. \*\*\*\*\*), it represents a value greater than the maximum that can be shown on the print-out.



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RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
AUSABLE RIVER	AUSABLE RIVER	CONCESSION ROAD 8 STAFFA	A 97.5	08002202008	192
	AUSABLE RIVER	HIGHWAY 83 TOWN OF EXETER	A 82.5	08002202006	190
	AUSABLE RIVER	RIVER RD.VILLAGE OF GRAND BEND	A 0.1	08002202001	185
	CAMERON DRAIN	VICTORIA ST.,TOWN OF PARKHILL	APC 14.8	08002202003	187
	CREEK	CONC. ROAD 4, TWP. OF STEPHEN	AC 77.3	08002202005	189
	HENSALL CREEK	CONC. ROAD 2, WEST OF HENSALL	AH 86.5	08002202007	191
	PARKHILL CREEK	HWY. 81	AP 16.5	08002202004	188
	THEDFORD CREEK	JUNCT. ONE MILE N. OF THEDFORD	AFTD 6.4	08002202002	186
BAKERS CREEK	BAKERS CREEK	NIAGARA BLVD,TWP.OF WILLOUGHBY	BK 0.1	05000502001	101
BATTEAUX RIVER	BATTEAUX RIVER	HIGHWAY 26 ***	B 0.2	03005402001	43
BAYFIELD RIVER	BAYFIELD RIVER	HIGHWAY NO 21	B 0.1	08004002001	193
	BAYFIELD RIVER	MAIN ST.TOWN OF SEAFORTH	28.8	08004002002	194
	LIFFY DITCH	HIGHWAY NO.8	BFL 39.8	08004002004	196
	LIFFY DITCH	MATILDA STREET, DUBLIN	BFL 39.2	08004002005	197
	SILVER CREEK	AT CONFLUENCE WITH BAYFIELD R.	BS 29.0	08004002003	195
BEAVER RIVER	BEAVER RIVER	UPSTREAM FROM GEORGIAN BAY	B 0.1	03003602001	39
BEAVERTON R.	BEAVERTON R.	AT NEAR MOUTH, LAKE SIMCOE	B 0.2	03007702010	53
	BEAVERTON R.	1ST.SIDE RD.,VILL.OF CANNINGTON	B 12.6	03007702011	54
BELLE RIVER	BELLE RIVER	CNR BRIDGE,VILL.OF BELLE RIVER	B 0.2	04000702001	72
BIG CREEK	BIG CREEK	HIGHWAY NO 18,COUNTY OF ESSEX	B 3.3	16000102001	239
	BIG CREEK	HIGHWAY NO 59,COUNTY OF NORFOLK	B 0.2	16012402001	253
BIG OTTER CR.	BIG OTTER CR.	BRIDGE, NORTH OF VILL.OF VIENNA	BO 5.4	16010902002	249
	BIG OTTER CR.	POTTER RD,N.E.OF TILLSONBURG	BO 35.0	16010902003	250
	BIG OTTER CR.	1000 FT.BELOW PORT BURWELL BRG.	BO 0.5	16010902001	248
BIGHEAD RIVER	BIGHEAD RIVER	TROWBRIDGE ST.TOWN OF MEAFORD	B 0.2	03003002001	38
BLACK CREEK	BLACK CREEK	NIAGARA BLVD.,TWP OF WILLOUGHBY	B 0.1	05000602001	102
BLACK RIVER	BLACK RIVER	MOSSINGTON BR.,VILL.OF SUTTON	B 0.0	03007702008	51
BOWMANVILLE CR	BOWMANVILLE CR	WEST BEACH RD., BOWMANVILLE	B 0.8	06011602001	167
BRONTE CREEK	BRONTE CREEK	APPLEBY LINE,TOWN OF BURLINGTON	B 9.3	06006002002	126



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RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILAGE	LOCATION CODE	PAGE NO.
	BRONTE CREEK	HIGHWAY NO 2	B 0.4	06006002001	125
BROOKSIDE CR.	BROOKSIDE CR.	CONC.RD.,EAST OF BROOKSIDE	CEB 2.1	06013902001	176
BUTLER CREEK	BUTLER CREEK	ROAD TO HIGHWAY 33,BRIGHTON	B 0.2	06015102001	180
CANARD RIVER	CANARD RIVER	HIGHWAY NO.18	C 0.5	10000202001	225
CARRUTHERS CR.	CARRUTHERS CR.	CONC.RD.PICKERING BEACH	CA 0.5	06010702001	162
CATARAQUI R.	CATARAQUI R.	AT DAM KINGSTON MILLS	C. 5.1	12000402002	232
	CATARAQUI R.	BRIDGE BELOW BREWERS MILLS ***	C. 16.8	12000402003	233
	CATARAQUI R.	HIGHWAY NO.2 KINGSTON CENTRE	C 0.5	12000402001	231
CATFISH CREEK	CATFISH CREEK	HIGHWAY NO.73	C 0.6	16009702001	247
CEDAR CREEK	CEDAR CREEK	HIGHWAY NO.18A	C 0.4	16001802001	240
CLEAR CREEK	CLEAR CREEK	COUNTY RD.,NO.9 HOUGHTON TWP.	C 0.5	16011102001	252
COBOURG BROOK	COBOURG BROOK	KING ST.,TOWN OF COBOURG	CB 0.4	06013302001	173
	COBOURG CREEK	FISH POND TWP.OF HAMILTON	CCPS 3.6	06013302002	174
	COBOURG CREEK	ONTARIO ST.,PRECIOUS CORNERS	CCPS 4.3	06013302003	175
COLBORNE CREEK	COLBORNE CREEK	LAKEPORT	C 0.4	06014602001	178
COLLINS CREEK	COLLINS CREEK	HIGHWAY NO.33	C 0.0	06018302001	183
CREDIT RIVER	BLACK CREEK	THIRD LINE, TWP.OF ESQUESING	CBS 31.6	06007602005	133
	CREDIT RIVER	HIGHWAY NO.10 AND 24	C 52.0	06007602006	134
	CREDIT RIVER	HIGHWAY NO.2	C 0.1	06007602001	129
	CREDIT RIVER	HIGHWAY NO.5	C 4.9	06007602002	130
	CREDIT RIVER	HIGHWAY NO.7	C 21.4	06007602003	131
	SILVER CREEK	AT HIGHWAY NO.7	CS 21.7	06007602004	132
CURRENT RIVER	CURRENT RIVER	HIGHWAYS 11 & 17, PORT ARTHUR	C 0.3	01010402001	26
DEDRICH CREEK	DEDRICH CREEK	FRONT RD.,TWP.OF WALSINGHAM S.	D 0.6	16012602001	254
DON RIVER	DON RIVER	LAKESHORE ROAD TORONTO	D 0.1	06008502001	146
	GERMAN MILLS	AT BAYVIEW AVENUE	DEG 21.0	06008502011	156
	GERMAN MILLS	AT OBSERVATORY LANE	DEG 22.6	06008502010	155
	GERMAN MILLS	ROSEVIEW AVENUE ***	DEG 23.8	06008502009	154

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RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
	GERMAN MILLSCR	ELMWOOD ***	DEG 23.1	06008502006	151
	GERMAN MILLSCR	MARKHAM ROAD ***	DEG 23.6	06008502008	153
	GERMAN MILLSCR	RICHMOND HILL ***	DEG 23.2	06008502007	152
	GERMAN MILLSCR	SIXTEENTH AVE., TWP. OF MARKHAM	DEG 22.1	06008502005	150
DON RIVER EAST	DON RIVER EAST	BAYVIEW & STEELES AVE. TORONTO	DE 17.2	06008502003	148
DON RIVER WEST	DON RIVER WEST	HIGHWAY NO. 7	DW 19.8	06008502004	149
	DON RIVER WEST	SHEPPARD AVE TOWNSHIP OF YORK	DW 13.8	06008502002	147
DUFFIN CREEK	DUFFIN CREEK	BASELINE RD, TWP OF PICKERING	DF 1.8	06010402001	160
	DUFFIN CREEK	FIRST CONC. RD. BELOW HWY NO 7	DFE 8.6	06010402002	161
EIGHT MILE CR.	EIGHT MILE CR.	LAKESHORE RD., TWP OF NIAGARA	E 1.0	06001002001	114
ETOBICOKE CR.	ETOBICOKE CR.	DERRY RD. E., TWP. OF TORONTO	EW 12.7	06008002002	136
	ETOBICOKE CR.	HIGHWAY NO. 2	E 0.3	06008002001	135
FIFTEEN MI. CR.	FIFTEEN MI. CR.	FOURTH AVE., TWP. OF LOUTH	V 2.3	06001902001	117
FORTY MILE CR.	FORTY MILE CR.	DOWNSTREAM FROM TOWN OF GRIMSBY	FO 0.3	06003802001	121
FOUR MILE CR.	FOUR MILE CR.	DOWNSTREAM FROM ST. DAVIDS	F 8.2	06000302004	112
	FOUR MILE CR.	LAKESHORE RD., TWP. OF NIAGARA	F 0.5	06000302001	109
	FOUR MILE CR.	SEVENTH LINE RD., TWP. OF NIAGARA	F 7.0	06000302003	111
	FOUR MILE CR.	THIRD LINE RD., TWP. OF NIAGARA	F 4.6	06000302002	110
FRENCHMANS CR.	FRENCHMANS CR.	NIAGARA BLVD., TWP. OF BERTIE	FR 0.0	05000302001	99
GAGE CREEK	GAGE CREEK	AT HIGHWAY NO. 2	GE 0.3	06013002001	172
GANANOQUE R.	GANANOQUE R.	HIGHWAY NO. 2 ***	G 0.3	12001702003	235
	GANANOQUE R.	ROAD ABOVE LYDHURST LAKE	GL 16.6	12001702002	234
GANARASKA R.	GANARASKA R.	AT PETER ST., TOWN OF PORT HOPE	G 0.4	06012902001	171
GEORGIAN BAY	MCCURRY L. OUT.	EMIL STREET, TOWN OF PARRY SOUND	MCL 0.2	03009702001	65
	WATERTON CREEK	WEST OF BALACLAVA ***	W 1.5	03002002001	36
GRAHAM CREEK	GRAHAM CREEK	UPSTREAM FROM LAKE ONTARIO	GRH 0.7	06011802001	170
GRAND RIVER	BADEN CREEK	HWY 7 & 8 POLICE VILL. OF BADEN	GNB 128.6	16018402020	277
	CANAGAGAGE CR.	DOWNSTREAM FROM TOWN OF ELMIRA	GCG 125.6	16018402016	273

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	GRAND RIVER	BRIDGEPORT BRIDGE	G 110.3	16018402015	272
	GRAND RIVER	DOWNSTREAM, CANADA GLUE CO.	G 54.5	16018402008	266
	GRAND RIVER	END ROAD, CANFIELD JUNCTION	G 10.8	16018402006	264
	GRAND RIVER	GLENMORRIS BRIDGE	G 82.8	16018402010	268
	GRAND RIVER	HIGHWAY NO.24	G 86.5	16018402011	269
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	GRAND RIVER	RYMER RD., PORT MAITLAND - CB	G 0.4	16018402003	261
	GRAND RIVER	RYMER RD., PORT MAITLAND - CT	G 0.4	16018402002	260
	GRAND RIVER	RYMER RD., PORT MAITLAND - LT	G 0.4	16018402001	259
	GRAND RIVER	RYMER RD., PORT MAITLAND - RT	G 0.4	16018402004	262
	LUTHER L. DAM	LUTHER LAKE DAM OUTLET	GL 168.2	16018402019	276
	NITH RIVER	HIGHWAY 24A	GN 75.3	16018402009	267
	SENECA CREEK	KINCARDINE ST., CALEDONIA	GS 30.7	16018402007	265
	SMITH CREEK	CONS. 9 AND 10, MILVERTON VILL.	GNS 159.1	16018402021	278
	SPEED RIVER	BEAVERDALE BR., HIGHWAY NO.24	GS 96.9	16018402013	271
	SUNFISH CREEK	HILL STREET, DUNNVILLE	GSU 4.4	16018402005	263
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	GRINDSTONE CR.	WATERDOWN ROAD, WATERDOWN	G 4.5	09000902002	223
HARMONY CREEK	HARMONY CREEK	HIGHWAY NO.401	H 1.2	06011202001	166
HICKORY CREEK	HICKORY CREEK	CONC.RD., DOWNSTREAM FROM FOREST	H 5.5	08001002001	184
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HOLLAND RIVER	AURORA CREEK	HWY 11 N OF ST.ANDREWS COLLEGE	HA 19.3	03007702007	50
	HOLLAND RIVER	HERALD ROAD	H 12.4	03007702003	48
	HOLLAND RIVER	MULOCK DRIVE	H 15.4	03007702006	49
	HOLLAND RIVER	QUEENSVILLE ROAD	H 6.6	03007702001	46
	SCHOMBERG R.	HIGHWAY NO.11	HS 7.2	03007702002	47
HUMBER RIVER	HUMBER R., TRIB	SIDE ROAD NO.31, CONC.5	HET 23.8	06008302007	144
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	HUMBER RIVER	AT G.W.R.C. LABORATORY	H 8.4	06008302008	145
	HUMBER RIVER	HIGHWAY NO.7	H 16.6	06008302003	140
	HUMBER RIVER	LAKESHORE ROAD	H 0.0	06008302001	138
	HUMBER RIVER	YORK PEEL COUNTY LINE	H 32.6	06008302005	142
	HUMBER RIVER	PINEGROVE ROAD	HE 17.5	06008302004	141
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	KETTLE CREEK	R/W TRESTLE, BELOW W.P.C.P.	K	11.8	16008702002	246
L.CATARAQUI R.	L.CATARAQUI R.	DIVISION STREET, KINGSTON	LC	6.8	12000202005	229
	L.CATARAQUI R.	HIGHWAY NO.2	LC	2.7	12000202002	227
	L.CATARAQUI R.	HIGHWAY NO.2A	LC	2.7	12000205004	230
	L.CATARAQUI R.	HIGHWAY NO.33	LC	1.4	12000202001	226
	L.CATARAQUI R.	KING ST. BRIDGE, KINGSTON ***	LC	0.0	12000202003	228
LAKE ONTARIO	BURLINGTON CA.	AT LIFT BRIDGE, BEACH ROAD	BC	0.2	06005201001	123
LAKE ST CLAIR	PARENT DRAIN	RIVERSIDE DR. W. OF TECUMSEH	LSTC	68.0	04000202001	68
LAKE ST. CLAIR	MANNING DRAIN	RIVERSIDE DRIVE, RIVERSIDE	LSTC	67.2	04000302001	69
LITTLE RIVER	LITTLE RIVER	RIVERSIDE DRIVE, WINDSOR - B ***	L	0.1	04000102002	67
	LITTLE RIVER	RIVERSIDE DRIVE, WINDSOR - T	L	0.1	04000102001	66
LUCKNOW RIVER	LUCKNOW RIVER	AT HIGHWAY NO.21	L	0.8	08007602001	208
	LUCKNOW RIVER	CANNING ST., VILLAGE OF LUCKNOW	L	16.0	08007602002	209
LYNDE CREEK	LYNDE CREEK	BASELINE ROAD, WHITBY TWP.	LY	0.9	06010802001	163
LYNN RIVER	LYNN RIVER	HIGHWAY NO.6	L	0.4	16015902001	255
MAITLAND RIVER	BLYTH BROOK	SIDE RD. WEST OF VILL. OF BLYTH	MB	31.7	08005602002	199
	DRAINAGE DITCH	AT SIDE RD. NO.3&4 MILVERTON	MMB	95.5	08005602010	207
	L.MAITLAND R.	HIGHWAY NO.23	MMLW	82.0	08005602006	203
	MAITLAND RIVER	CONCESSION RD. NO.2 PALMERSTON	MP	86.4	08005602008	205
	MAITLAND RIVER	HIGHWAY NO.21	M	1.7	08005602001	198
	MAITLAND RIVER	HIGHWAY NO.26	M	48.0	08005602003	200
	MAITLAND RIVER	HIGHWAY NO.87	M	83.8	08005602007	204
	MAITLAND RIVER	ONE MILE NORTHEAST OF WROXETER	M	62.4	08005602004	201
	MID.MAITLAND R	BELOW CREAMERY, VILL. OF BRUSSELS	MM	69.1	08005602005	202
	MID.MAITLAND R	HAMLET OF TROWBRIDGE	MM	87.6	08005602009	206
MCINTYRE RIVER	MCINTYRE RIVER	HAMILTON AVENUE, PORT ARTHUR	MC	0.6	01010602001	28
MCKELLAR RIVER	MCKELLAR RIVER	4TH AVE., FORT WILLIAM ***	KMC	1.5	01010902001	32
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MILLHAVEN CK.	MILLHAVEN CK.	HIGHWAY NO.23	M 0.1	06018002001	182
MIMICO CREEK	MIMICO CREEK	AT HIGHWAY NO.2	MC 0.1	06008202001	137
MOIRA RIVER	BLACK RIVER	HIGHWAY NO 7	MB 39.0	17002602010	314
	CLAIR RIVER	FIRST RD.,STOCO LAKE	MSLC 32.0	17002602007	311
	DEER CREEK	100 YDS.DOWNSTREAM OF MADOC STP	MD 46.5	17002602012	316
	MOIRA RIVER	AT HIGHWAY NO.7	M 57.6	17002602013	317
	MOIRA RIVER	CANNIFTON BRIDGE	M 3.9	17002602002	306
	MOIRA RIVER	COUNTY BRIDGE,MADOC TOWNSHIP	M 44.4	17002602011	315
	MOIRA RIVER	FOOTBRIDGE ABOVE HIGHWAY NO.2	M 0.7	17002602001	305
	MOIRA RIVER	JAMESON STREET,VILLAGE OF TWEED	M 31.2	17002602006	310
	MOIRA RIVER	NEW ROAD,STOCO LAKE OUTLET	MW 27.2	17002602003	307
	MOIRA RIVER	STOCO BRIDGE,TWP.OF HUNGERFORD	ME 29.7	17002602004	308
	SKOOTAMOTTA R.	AT HIGHWAY NO.7	MA 37.7	17002602009	313
	STOCO LAKE	MUNICIPAL BEACH - A	MSL 31.0	17002602005	309
	SULPHIDE CREEK	ABOVE STOCO LAKE, HUNGERFORD	MS 32.8	17002602008	312
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MOON RIVER	MOON RIVER	HIGHWAY NO.103	MO 10.4	03009202001	64
MOUNTAIN STR.E	MOUNTAIN STR.	HIGHWAY NO.26 EAST	GPS 0.1	03004102001	41
	MOUNTAIN STR.	HIGHWAY NO.26 WEST	GPS 0.1	03004002001	40
MUDDY CREEK	MUDDY CREEK	FIRST BR.ABOVE L.ERIE,WHEATLEY	M 0.2	16003202001	242
MUSKOKA RIVER	FAIRY L.OUTLET	HIGHWAY NO.527	M 65.4	03008502007	61
	L. OF BAY OUT	HIGHWAY NO.118	MS 66.8	03008502009	63
	L. VERN OUTLET	HIGHWAY NO.118	M 68.4	03008502008	62
	MARV L. OUTLET	HIGHWAY NO.516	M 57.4	03008502006	60
	MUSKOKA L.OUT.	AT HIGHWAY NO.69	M 21.4	03008502003	57
	MUSKOKA R.N.	AT HIGHWAY NO.11 ***	M 45.7	03008502005	59
	MUSKOKA R.S.	AT HIGHWAY NO.11	M 43.3	03008502004	58
	MUSKOKA RIVER	HIGHWAY NO.103	M 11.6	03008502001	55
	ROSSEAU OUTLET	HIGHWAY NO.118, PORT CARLING	MR 34.4	03008502002	56
NANTICOKE CR.	NANTICOKE CR.	CONCESSIONS 1 & 2,WALPOLE TWP.	N 1.0	16016402001	256
NAPANEE RIVER	NAPANEE RIVER	DOWNSTREAM FROM NAPANEE	N 3.5	17003502001	320
NEEBING RIVER	NEEBING RIVER	TENTH AVENUE, PORT ARTHUR	N 0.2	01010702001	29

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		BELOW CAMP BORDEN S.T.P.	NP	33.7	03005702004	45
OAKVILLE CREEK	OAKVILLE CREEK OAKVILLE CREEK	HIGHWAY NO.2	0	0.4	06006302001	127
		SIDE ROAD NO.10, MILTON	0	14.8	06006302002	128
ONE MILE CREEK	ONE MILE CREEK	NIAG.BLV.D.,NIAGARA ON THE LAKE	0	0.1	06000102001	107
ORCHARD CREEK	ORCHARD CREEK	GEORGIAN BAY ***	0	0.0	03002702001	37
OSHAWA CREEK	OSHAWA CREEK	SIMCOE ST., CITY OF OSHAWA	0	0.4	06011102001	165
OTTAWA RIVER	MADAWASKA R.	HIGHWAY NO.17	M	0.7	18349002020	364
	MISSISSIPPI R.	NORTHEAST OF GALETTA	M	2.0	18004702001	363
	OTTAWA RIVER	ABOVE HAWKESBURY SEWER S.T.P.	0	67.8	18000002002	323
	OTTAWA RIVER	BELOW CAN.IN.PAP.UPPER LAGOON A	0	69.0	18000002011	331
	OTTAWA RIVER	BETWEEN HAMILTON ISLAND-PERLEY	0	68.1	18000002008	329
	OTTAWA RIVER	CAN.INT.PAPER LAGOON OUTFALL A	0	68.6	18000009009	347
	OTTAWA RIVER	CAN.INT.PAPER SUBMERGED OUTFALL	0	68.6	18000002010	330
	OTTAWA RIVER	CHAMPLAIN BRIDGE IN OTTAWA A	0	132.6	18000002018	338
	OTTAWA RIVER	CHAMPLAIN BRIDGE IN OTTAWA B	0	132.6	18000002019	339
	OTTAWA RIVER	CHAMPLAIN BRIDGE IN OTTAWA C	0	132.6	18000002020	340
	OTTAWA RIVER	CHAMPLAIN BRIDGE IN OTTAWA D	0	132.6	18000002021	341
	OTTAWA RIVER	CHAMPLAIN BRIDGE IN OTTAWA E	0	132.6	18000002022	342
	OTTAWA RIVER	CHATS FALLS A	0	163.6	18000002026	346
	OTTAWA RIVER	CHATS FALLS B	0	163.6	18000002025	345
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	OTTAWA RIVER	INTER.PRO.BRIDGE IN OTTAWA B***	0	129.0	18000002014	334
	OTTAWA RIVER	INTER.PRO.BRIDGE IN OTTAWA C***	0	129.0	18000002015	335
	OTTAWA RIVER	INTER.PRO.BRIDGE IN OTTAWA D***	0	129.0	18000002016	336
	OTTAWA RIVER	INTER.PRO.BRIDGE IN OTTAWA E***	0	129.0	18000002017	337
	OTTAWA RIVER	MIDWAY HAM.ISL.& CIP PUMPHOUSE	0	69.0	18000002012	332
	OTTAWA RIVER	PERLEY BRIDGE HAWKESBURY A	0	68.0	18000002003	324
	OTTAWA RIVER	PERLEY BRIDGE HAWKESBURY B	0	68.0	18000002004	325
	OTTAWA RIVER	PERLEY BRIDGE HAWKESBURY C	0	68.0	18000002005	326
	OTTAWA RIVER	PERLEY BRIDGE HAWKESBURY D	0	68.0	18000002006	327
	OTTAWA RIVER	PERLEY BRIDGE HAWKESBURY E	0	68.0	18000002007	328
	OTTAWA RIVER	ROCKLAND WATER WORKS	0	106.0	18000020027	348
	OTTAWA RIVER	5500 FT.BELOW HAWKESBURY S.T.P.	0	67.6	18000002001	322
	RIDEAU CANAL	LOCK NO.1	RC	0.2	18003402001	362

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PENETANGORE R.	PENETANGORE R.	FIRST BRIDGE ABOVE L.HURON	P	0.3	08010702001	211
PIKE CREEK	PIKE CREEK	TECUMSEH RD., HWY 39	P	0.3	04000402001	70
PINE RIVER	PINE RIVER	CON. A, HURON TWP.	P	1.2	08010302001	210
POTTAWATOMI R.	POTTAWATOMI R.	FOURTH AVE., OWEN SOUND	P	0.2	03001502001	33
PRETTY RIVER	PRETTY RIVER	HWY. 26	P	1.5	03005302001	42
PRINGLE CREEK	PRINGLE CREEK	BROCK ST. TOWN OF WHITBY	P	0.8	06010902001	164
PUCE RIVER	PUCE RIVER	HWY. 39	P	0.4	04000502001	71
RAMBO CREEK	RAMBO CREEK	HWY. 2	R	0.1	06005402001	124
REDHILL CREEK	REDHILL CREEK	BEACH RD., HAMILTON	R	0.1	09000102001	220
RIDEAU %N< R.	RIDEAU RIVER	SUSSEX DRIVE., OTTAWA - E	OR	0.2	18003302001	355
	RIDEAU RIVER	SUSSEX DRIVE, OTTAWA - W	OR	0.2	18003302002	356
RIDEAU %S< R.	RIDEAU RIVER	ABOVE SMITH FALLS S.T.P.	R	60.4	18003302005	359
	RIDEAU RIVER	HIGHWAY NO.43	R	60.2	18003302004	358
RIDEAU RIVER	KEMPTVILLE CR.	HIGHWAY NO.43	RK	34.9	18003302003	357
	RIDEAU RIVER	NARROWS LOCK BRIDGE	R	82.4	18003302007	361
	TAY RIVER	SCOTCH LINE RD.,BELOW PERTH	RT	73.4	18003302006	360
ROUGE RIVER	ROUGE RIVER	HIGHWAY NO.48, MARKHAM	RG	12.6	06009702002	159
	ROUGE RIVER	R/R TRESTLE,FERGUSON@S BEACH	R	0.1	06009702001	158
RUSCOM RIVER	RUSCOM RIVER	TECUMSEH ROAD, ROCHESTER TWP.	R	0.6	04001002001	73
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	S.NATION RIVER	DOWNSTREAM OF CASSELMAN	N	39.0	18002002006	353
	SCOTCH RIVER	CONC.17,BELOW ST.ISIDORE	S	30.2	18002002002	349
	SCOTCH RIVER	COUNTY RD.,S.OF ST.ISIDORE ***	S	32.3	18002002005	352
SALEM CREEK	SALEM CREEK	SOUTH-EAST OF COLBORNE	SM	0.4	06014802001	179
SALMON RIVER	SALMON RIVER	SHANNONVILLE BRIDGE	SA	1.8	17003102001	319

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TELFER CREEK	TELFER CREEK	BRIDGE IN LEIGHT	T 0.1	03001702001	35
THAMES RIVER	BAPTIST CREEK	TECUMSEH RD., TILLBURY TWP. NORTH	TB 2.4	04001302006	79
	CEDAR CREEK	INGERSOLL RD., TOWN OF WOODSTOCK	TC 160.9	04001302017	89
	DINGMAN CREEK	HIGHWAY NO.2	TD 122.5	04001302012	85
	NEWBIGGIN CR.	HIGHWAYS 2 AND 80	TN 73.0	04001302011	84
	THAMES RIVER	BRIDGE %PRAIRIE SIDING< - L	T 9.0	04001302007	80
	THAMES RIVER	BRIDGE %PRAIRIE SIDING< - R	T 9.0	04001302008	81
	THAMES RIVER	CABLE BRIDGE, ST. MARYS	T 158.3	04001302015	87
	THAMES RIVER	DUNDAS ST., WOODSTOCK	T 160.4	04001302016	88
	THAMES RIVER	FT. BRIDGE GOLF COURSE - CB ***	T 124.5	04001302024	95
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	THAMES RIVER	HWY. 2, KIEL DRIVE - L	T 16.0	04001302009	82
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	THAMES RIVER	KEIL DRIVE, CHATHAM - CB ***	T 16.0	04001302020	91
	THAMES RIVER	KEIL DRIVE, CHATHAM - CT ***	T 16.0	04001302019	90
	THAMES RIVER	LAKE ST. CLAIR - CB	T 0.1	04001302003	76
	THAMES RIVER	LAKE ST. CLAIR - CT	T 0.1	04001302002	75
	THAMES RIVER	LAKE ST. CLAIR - L	T 0.1	04001302001	74
	THAMES RIVER	LAKE ST. CLAIR - R	T 0.1	04001302004	77
	THAMES %N<RIVER	FANSHAW L. DAM	TN 135.8	04001302014	86
	TILBURY CREEK	TECUMSEH RD., TWP. TILLBURY E.	TBB 3.4	04001302005	78
THIRTY MILE CR	THIRTY MILE CR	QUEEN ELIZABETH HWY.	T 0.5	06003302001	120
TRENT RIVER	BAXTER CREEK	BELOW DAM CONCESSION RD.NO. 5	TB 82.5	17002102010	289
	BEAVER L. OUT.	BEAVER L RD., TWP OF CAVENDISH	TB 139.2	17002102022	301
	BUCKHORNE LAKE	HIGHWAY NO.507	TR 122.8	17002102018	297
	CAMERON L.OUT.	HIGHWAY NO 35,FENELON FALLS	T 155.0	17002102023	302
	CATCHACOMA L.	BEAVER LAKE RD., CAVENDISH TWP.	TC 137.8	17002102020	299
	CAVANVILLE CR	FIRST CONC.NORTH OF FRASERVILLE	TOC 85.1	17002102030	304
	CROW RIVER	HIGHWAY NO.7	TX 47.1	17002102003	282
	GULL RIVER	HIGHWAY NO.35	TG 166.3	17002102025	303
	INDIAN RIVER	DOWNSTREAM OF WARSAW	TI 79.7	17002102009	288
	INDIAN RIVER	FIRST ROAD, SOUTH OF KEENE	TI 63.9	17002102006	285
	JACKSON CREEK	2ND ROAD N., HWY.28 AND 7A	J 95.5	17002102014	293
	LOVESICK OUT.	HIGHWAY NO.28	TL 115.4	17002102017	296
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	OTONABEE RIVER	HIGHWAY NO.7 LEFT SIDE	TO	88.5	17002102011	290
	OTONABEE RIVER	HIGHWAY NO.7 RIGHT SIDE	TO	88.5	17002102012	291
	OTONABEE RIVER	ROAD TO NASSAU MILLS	TO	93.1	17002102013	292
	OUSE RIVER	AT HIGHWAY NO.45	TO	64.7	17002102007	286
	STONEY L. OUT.	HIGHWAY NO.28, 3 YOUNG@S POINT<	TS	106.6	17002102016	295
	STURGEON OUTLT	HIGHWAY NO.36	T	138.0	17002102021	300
	TRENT RIVER	BRIDGE ON HWY.2	T	0.2	17002102001	280
	TRENT RIVER	DAM, TOWN OF CAMPBELLFORD	T	31.6	17002102002	281
	TRENT RIVER	DENTS COTTAGES, HASTINGS	T	50.3	17002102005	284
	TRENT RIVER	HI-LO COTTAGE DOCK, HASTINGS	T	50.2	17002102004	283
TURKEY CREEK	TURKEY CREEK	HWY.18	T	0.2	10000102001	224
TWELVE MILE CR	TWELVE MILE CR	LAKEPORT RD., ST. CATHERINES	T	0.8	06001702001	116
TWENTY MILE CR	TWENTY MILE CR	21ST STREET, LOUTH TWP.	J	2.4	06002402001	119
TWO MILE CREEK	TWO MILE CREEK	LAKESHORE RD., NIAGARA TWP.	T	0.1	06000202001	108
USSHERS CREEK	USSHERS CREEK	NIAGARA P.W., WILLOUGHBY TWP.	U	0.0	05000902001	103
WELLAND RIVER	WELLAND RIVER	BRIDGEWATER ST BRIDGE, CHIPPAWA	PWE	12.6	05001002001	104
	WELLAND RIVER	MONTROSE BRIDGE	PW	9.2	05001002002	105
	WELLAND RIVER	PT. ROBINSON BRIDGE	PW	14.6	05001002003	106
	WELLAND RIVER	1ST BRIDGE FROM LAKE ERIE	PW	0.5	16019002001	279
	WELLAND SHIP C	WEIR BELOW LAKESHORE ROAD	SC	2.0	06001402001	115
WILMOT CREEK	ORONO CREEK	CONC. RD., SOUTHWEST OF ORONO	WLO	5.0	06011702002	169
	WILMOT CREEK	BRIDGE AT HWY. 401	WL	0.5	06011702001	168
WILTON CREEK	WILTON CREEK	BRIDGE ON ROAD TO HWY. 33	W	2.0	17003702001	321

RIVER BASIN- CURRENT RIVER

STREAM MILEAGE- C 0.3

LOCATION CODE: 01-0104-02-001

STREAM- CURRENT RIVER

SAMPLE POINT DESCRIPTION- HIGHWAYS 11 &amp; 17, PORT ARTHUR

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 7 66					0.5	74	2	2.3	75	0.04	0.00	0.12	0.33	0.00	0.04					
31 8 66					0.6					0.04	0.01	0.02		0.00						

NO. SAMPLES

MAXIMUM	0.6	74	2	2.3	75	0.04	0.01	0.12	0.33	0.00	0.04
MINIMUM	0.5	74	2	2.3	75	0.04	0.00	0.02	0.33	0.00	0.04
AVERAGE	0.5	74	2	2.3	75	0.04	0.00	0.07	0.33	0.00	0.04
MEDIAN											

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MCVICAR CREEK

STREAM MILEAGE- MCV 0.2

LOCATION CODE: 01-0105-02-001

STREAM- MCVICAR CREEK

SAMPLE POINT DESCRIPTION- HIGHWAYS 11 AND 17, PORT ARTHUR

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LA
22	7 66					0.4	250	4	4.0	353	0.04	0.01	0.05	0.33	0.01	0.48	6				
31	8 66					0.8	196	4	3.1	328	0.10	0.10	0.03	0.52	0.00	1.00	10				

NO. SAMPLES

2 2 2 2 2 2 2 2 2 2 2 2 2

MAXIMUM  
MINIMUM  
AVERAGE  
MEDIAN

0.8 250 4 4.0 353 0.10 0.10 0.05 0.52 0.01 1.00 10  
0.4 196 4 3.1 328 0.04 0.01 0.03 0.33 0.00 0.48 6  
0.6 223 4 3.5 340 0.07 0.05 0.04 0.42 0.00 0.74 8

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MCINTYRE RIVER

STREAM MILEAGE- MC 0.6

LOCATION CODE: 01-0106-02-001

STREAM- MCINTYRE RIVER

SAMPLE POINT DESCRIPTION- HAMILTON AVENUE, PORT ARTHUR

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22	7	66				2.6	118	14	10.0	162	1.64	1.10	1.31	2.10	0.01	0.03	11				
31	8	66				30.0	194	30	30.0	351	9.66	9.00		7.90	0.00	0.10	23				

NO. SAMPLES

2	2	2	2	2	2	2	2	1	2	2	2	2
---	---	---	---	---	---	---	---	---	---	---	---	---

MAXIMUM	30.0	194	30	30.0	351	9.66	9.00	1.31	7.90	0.01	0.10	23
MINIMUM	2.6	118	14	10.0	162	1.64	1.10	1.31	2.10	0.00	0.03	11
AVERAGE	16.3	156	22	20.0	256	5.65	5.05	1.31	5.00	0.00	0.06	17
MEDIAN												

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- NEEBING RIVER

STREAM MILEAGE- N 0.2

LOCATION CODE: 01-0107-02-001

STREAM- NEEBING RIVER

SAMPLE POINT DESCRIPTION- TENTH AVENUE, PORT ARTHUR

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LA
22	7 66	1900		21.0		2.0	132	5	9.0	180	0.16	0.02	0.28	0.71	0.01	0.04	6				
31	8 66	1900		19.0		1.1					0.32	0.18	0.23	0.52	0.01	0.10					

NO. SAMPLES

2	2	1	1	1	1	2	2	2	2	2	2	1
---	---	---	---	---	---	---	---	---	---	---	---	---

MAXIMUM	21.0	2.0	132	5	9.0	180	0.32	0.18	0.28	0.71	0.01	0.10	6
MINIMUM	19.0	1.1	132	5	9.0	180	0.16	0.02	0.23	0.52	0.01	0.04	6
AVERAGE	20.0	1.5	132	5	9.0	180	0.24	0.10	0.25	0.61	0.01	0.07	6
MEDIAN													

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- KAMINISTIK R.

STREAM MILEAGE- K 4.2

LOCATION CODE: 01-0108-02-001

STREAM- KAMINISTIK R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO.61, FORT WILLIAM \*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22	7	66						256									0.04				
31	8	66				28.0	250								0.00	0.02				7.2	

NO. SAMPLES	1	2	1	2	1
MAXIMUM	28.0	256	0.00	0.04	7.2
MINIMUM	28.0	250	0.00	0.02	7.2
AVERAGE	28.0	253	0.00	0.03	7.2
MEDIAN					
MAXIMUM KILOTONS/YEAR					
MINIMUM KILOTONS/YEAR					
AVERAGE KILOTONS/YEAR					

RIVER BASIN- KAMINISTIK R.

STREAM MILEAGE- K 4.2

LOCATION CODE: 01-0108-02-001

STREAM- KAMINISTIK R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO.61, FORT WILLIAM \*\*\*

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
31 8 66		0.												

NO. SAMPLES

1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- KAMINISTIK R.

STREAM MILEAGE- K 5.5

LOCATION CODE: 01-0108-02-002

STREAM- KAMINISTIK R.

SAMPLE POINT DESCRIPTION- GREAT LAKES PAPER, W.W. INTAKE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22	7	66				0.5															
31	8	66				0.9									0.01						

NO. SAMPLES

2

1

1

MAXIMUM  
MINIMUM  
AVERAGE  
MEDIAN

0.9  
0.5  
0.7

0.01 0.00  
0.01 0.00  
0.01 0.00

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR



RIVER BASIN- KAMINISTIK R.

STREAM MILEAGE- K 5.5

LOCATION CODE: 01-0108-02-002

STREAM- KAMINISTIK R.

SAMPLE POINT DESCRIPTION- GREAT LAKES PAPER, W.W. INTAKE

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
31 8 66		8.												

NO. SAMPLES

1

MAXIMUM	8.
MINIMUM	8.
AVERAGE	8.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- MCKELLAR RIVER

STREAM MILEAGE- KMC 1.5

LOCATION CODE: 01-0109-02-001

STREAM- MCKELLAR RIVER

SAMPLE POINT DESCRIPTION- 4TH AVE., FORT WILLIAM

\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22	6	66							11				0.15	0.40							7.3
31	8	66				14.0	134								0.00	0.02					7.3

NO. SAMPLES	1	1	1	1	1	1	1	2
MAXIMUM	14.0	134	11		0.15	0.40	0.00	7.3
MINIMUM	14.0	134	11		0.15	0.40	0.00	7.3
AVERAGE	14.0	134	11		0.15	0.40	0.00	7.3
MEDIAN								

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MCKELLAR RIVER

STREAM MILEAGE- KMC 1.5

LOCATION CODE: 01-0109-02-001

STREAM- MCKELLAR RIVER

SAMPLE POINT DESCRIPTION- 4TH AVE., FORT WILLIAM

\*\*\*

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
22 6 66		10.												
31 8 66		15.												

NO. SAMPLES

2

MAXIMUM

15.

MINIMUM

10.

AVERAGE

12.

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- POTTAWATOMI R.

STREAM MILEAGE- P 0.2

LOCATION CODE: 03-0015-02-001

STREAM- POTTAWATOMI R.

SAMPLE POINT DESCRIPTION- FOURTH AVE., OWEN SOUND

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 11 65		210.		3.0	12.0	1.0			9.5	445	0.28	0.24	0.05	0.52	0.00	0.70	9	270	217	0.46	8.4
16 2 66		128.		0.0	12.0	2.0	252	15	1.8	360	0.08	0.06	0.08	0.71	0.00	0.50	7				
8 3 66	1845	56.		5.0	10.0	2.1	256	15	4.0	438	0.12	0.07	0.00	0.46	0.00	0.50	6	224	198	0.67	8.3
13 4 66	1715			7.0	7.0	1.0	294	15	3.1		0.00	0.00	0.00		0.00	0.20	8				
17 5 66	1700	1800.		14.0	12.0	1.5	296				0.06	0.04	0.00	0.46	0.01		71				
15 6 66	2200			17.0	8.0	2.5	336	19			0.15		0.05	0.84	0.01						
6 7 66	1520	2300.		22.0	7.0	1.2	312	7		484	0.04	0.01	0.03		0.01	0.40	9				
9 8 66	1830	91000.		22.0	6.0	2.7	288	17	13.0	459	0.20	0.02	0.23	0.65	0.01	0.30	14				
7 9 66	1600	39000.				1.8	318	36	13.0		0.12	0.12		0.26	0.02	0.50	15				

NO. SAMPLES	7	8	8	9	8	7	6	5	9	8	8	7	9	7	8	2	2	2	2
MAXIMUM	91000.	22.0	12.0	2.7	336	36	13.0	484	0.28	0.24	0.23	0.84	0.02	0.70	71	270	217	0.67	8.4
MINIMUM	56.	0.0	6.0	1.0	252	7	1.8	360	0.00	0.00	0.00	0.26	0.00	0.20	6	224	198	0.46	8.3
AVERAGE	19213.	11.2	9.2	1.8	294	17	7.4	437	0.12	0.07	0.05	0.56	0.01	0.44	17	247	207	0.56	8.3
MEDIAN	1800.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- SYDENHAM RIVER

STREAM MILEAGE- SG 0.8

LOCATION CODE: 03-0016-02-001

STREAM- SYDENHAM RIVER

SAMPLE POINT DESCRIPTION- 10TH ST., WEST OF OWEN SOUND

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 11 65		6600.		3.0	10.0	0.8			5.5	445	0.20	0.20	0.00	0.46	0.01	0.50	14	274	237	0.20	8.4
16 2 66		2700.		0.0	10.0	1.0	244	15	2.3	422	0.10	0.06	0.12	0.46	0.00	1.00	8				
8 3 66	1900	2800.		1.0	13.0	2.2	216	15	2.0	385	0.12	0.07	0.00	0.40	0.01	0.44	7	216	200	0.25	8.2
13 4 66	1845			7.0	12.0	0.8	284	15			0.00	0.00	0.00		0.00	0.10	9				
17 5 66	1745	2800.		14.0	9.0	1.1	284	17			0.10	0.08	0.12	0.46	0.01	0.44	12				
15 6 66	2205			18.0	9.0	2.1	312	15			0.07		0.12	0.33	0.01						
6 7 66	1530	2600.		21.0	9.0	1.3	196	11		327	0.12	0.12	0.20			0.20	7				
9 8 66	1745	125000.		22.0	6.0	1.3	224	15	9.0	346		0.10			0.01	0.00	8				
7 9 66		36000.				1.4	278	17	4.0		0.06	0.06	0.05	0.26	0.01	0.35	11				

NO. SAMPLES	7	8	8	9	8	8	5	5	8	8	8	6	8	8	8	2	2	2	2
MAXIMUM	125000.	22.0	13.0	2.2	312	17	9.0	445	0.20	0.20	0.20	0.46	0.01	1.00	14	274	237	0.25	8.4
MINIMUM	2600.	0.0	6.0	0.8	196	11	2.0	327	0.00	0.00	0.00	0.26	0.00	0.00	7	216	200	0.20	8.2
AVERAGE	25500.	10.7	9.7	1.3	254	15	4.6	385	0.10	0.09	0.08	0.39	0.01	0.38	9	245	218	0.22	8.3
MEDIAN	2800.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TELFER CREEK

STREAM MILEAGE- T 0.1

LOCATION CODE: 03-0017-02-001

STREAM- TELFER CREEK

SAMPLE POINT DESCRIPTION- BRIDGE IN LEIGHT

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 11 65		168.		1.0	14.0	0.8			12.0	460	0.20	0.12	0.00	0.40	0.00	0.30	16	286	239	0.38	8.4
8 3 66	1930	62.		5.0	13.0	2.3	300	15	12.0	427	0.18	0.09	0.00	0.20	0.00	0.60	7	250	230	1.15	8.3
13 4 66	1900			7.0	11.0	0.2	292	15	2.8		0.00	0.00	0.00		0.00	0.20	7				
17 5 66	1810	350.		16.0	12.0	0.9	380				0.04	0.04	0.00	0.33	0.01	0.24	15				
15 6 66	1745			15.0	7.0	3.2	300	29			0.20	0.10	0.06	0.46	0.01		15				
6 7 66	1745	52.		24.0	9.0	1.0	240	9		386	0.04	0.04	0.02	0.13	0.01	0.15	5				
9 8 66	1800	1740.		23.0	8.0	1.5	192	15	8.5	329	0.08	0.02	0.08	0.40	0.01	0.10	4				
7 9 66		710.				0.4			3.3		0.02	0.00	0.02	0.13	0.00	0.10	6				

NO. SAMPLES	6	7	7	8	6	5	5	4	8	8	8	7	8	7	8	2	2	2	2
MAXIMUM	1740.	24.0	14.0	3.2	380	29	12.0	460	0.20	0.12	0.08	0.46	0.01	0.60	16	286	239	1.15	8.4
MINIMUM	52.	1.0	7.0	0.2	192	9	2.8	329	0.00	0.00	0.00	0.13	0.00	0.10	4	250	230	0.38	8.3
AVERAGE	514.	13.0	10.6	1.3	284	16	7.7	400	0.09	0.05	0.02	0.29	0.00	0.24	9	268	234	0.76	8.3
MEDIAN	259.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- GEORGIAN BAY

STREAM MILEAGE- W 1.5

LOCATION CODE: 03-0020-02-001

STREAM- WATERTON CREEK

SAMPLE POINT DESCRIPTION- WEST OF BALACLAVA

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DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 11 65		380.		2.0	11.0	0.4			11.0	380	0.12	0.04	0.00	0.52	0.00	0.35	5	236	199	0.43	8.3

NO. SAMPLES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAXIMUM	380.	2.0	11.0	0.4		11.0	380	0.12	0.04	0.00	0.52	0.00	0.35	5	236	199	0.43	8.3		
MINIMUM	380.	2.0	11.0	0.4		11.0	380	0.12	0.04	0.00	0.52	0.00	0.35	5	236	199	0.43	8.3		
AVERAGE	380.	2.0	11.0	0.4		11.0	380	0.12	0.04	0.00	0.52	0.00	0.35	5	236	199	0.43	8.3		
MEDIAN	380.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- ORCHARD CREEK

STREAM MILEAGE- 0

LOCATION CODE: 03-0027-02-001

STREAM- ORCHARD CREEK

SAMPLE POINT DESCRIPTION- GEORGIAN BAY

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DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
18 11 65	440.		2.0	12.0	0.6		16	21.0	410	0.16	0.08	0.00	0.40	0.00	0.25	9	256	209	0.70	8.4
17 2 66	12000.		0.0	13.0	1.0	340	15	1.1	565	0.16	0.11	0.12	0.71	0.00	1.00	11				

NO. SAMPLES	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
MAXIMUM	12000.	2.0	13.0	1.0	340	16	21.0	565	0.16	0.11	0.12	0.71	0.00	1.00	11	256	209	0.70	8.4	
MINIMUM	440.	0.0	12.0	0.6	340	15	1.1	410	0.16	0.08	0.00	0.40	0.00	0.25	9	256	209	0.70	8.4	
AVERAGE	6220.	1.0	12.5	0.8	340	15	11.0	487	0.16	0.09	0.06	0.55	0.00	0.63	10	256	209	0.70	8.4	
MEDIAN	6220.																			

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- BIGHEAD RIVER

STREAM MILEAGE- 8 0.2

LOCATION CODE: 03-0030-02-001

STREAM- BIGHEAD RIVER

SAMPLE POINT DESCRIPTION- TROWBRIDGE ST. TOWN OF MEAFORD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT P04 PPM	SOL P04 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 11 65		8500.	81.4	2.5	13.0	2.8		14	13.5	460	0.28	0.20	0.00	0.84	0.00	0.45	14	276	223	0.55	8.5
17 2 66		33000.	270.0	0.0	12.0	2.0	274	15	7.0	375	0.22	0.08	0.26	0.98	0.00	1.00	6				
8 3 66	2000	26000.	216.0	0.5	12.0	5.8	258	15	7.0	443	0.46	0.20	0.26	1.00	0.01	0.68	12	238	223	0.39	8.3
13 4 66	2000		144.0	10.0	11.0	1.0	278	15			0.16	0.13	0.00		0.00	0.26	4				
17 5 66		33000.	68.1	14.0	8.0	1.9	262	21			0.40	0.40	0.05	0.46	0.01	0.60	9				
15 6 66	1845		91.2	19.0	6.0	5.0	278	18			0.68	0.31	0.13	0.84	0.01						
6 7 66	1810	30000.	25.0	23.0	8.0	2.9	212	8		334	0.52	0.44	0.30	0.98	0.01	0.10	7				
9 8 66	1845	34000.	12.6	22.0	8.0	3.7	220	26	21.0	320			0.36	1.05	0.01	0.00	6				
7 9 66		1020.	13.0			1.0			6.0		0.30	0.26	0.20	0.65		0.34	7				

NO. SAMPLES	7	9	8	8	9	7	8	5	5	8	8	9	8	8	8	8	2	2	2	2
MAXIMUM	34000.	270.0	23.0	13.0	5.8	278	26	21.0	460	0.68	0.44	0.36	1.05	0.01	1.00	14	276	223	0.55	8.5
MINIMUM	1020.	12.6	0.0	6.0	1.0	212	8	6.0	320	0.16	0.08	0.00	0.46	0.00	0.00	4	238	223	0.39	8.3
AVERAGE	23646.	102.4	11.4	9.7	2.9	254	16	10.9	386	0.38	0.25	0.17	0.85	0.01	0.43	8	257	223	0.47	8.4
MEDIAN	30000.																			
MAXIMUM KILOTONS/YEAR				3.19	1.23	73.	4.0			0.098	0.043	0.069	0.26	0.002	0.266	2.55	51.	47.	0.083	
MINIMUM KILOTONS/YEAR				0.10	0.01	3.	0.2			0.004	0.003	0.000	0.01	0.000	0.000	0.07	22.	18.	0.044	
AVERAGE KILOTONS/YEAR				1.22	0.32	31.	1.7			0.038	0.021	0.017	0.09	0.001	0.066	0.85	36.	33.	0.064	

RIVER BASIN- BEAVER RIVER

STREAM MILEAGE- 8 0.1

LOCATION CODE: 03-0036-02-001

STREAM- BEAVER RIVER

SAMPLE POINT DESCRIPTION- UPSTREAM FROM GEORGIAN BAY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
18 11 65		13200.	20.5	1.5	12.0	1.0		12	8.5	365	0.12	0.04	0.00	0.26	0.00	0.20	6	234	204	0.63	8.4
17 2 66		9000.	170.0	0.2		3.0	278	15	5.0	375	0.12	0.04	0.03	0.46	0.00	0.05	5				
8 3 66	2030	38000.	220.0	0.0	5.0	2.2	292	15	11.0	430	0.24	0.06	0.00	0.26	0.00	0.88	5	248	231	1.25	8.3
13 4 66	2020		68.2	8.0	11.0	1.0			7.5		0.20	0.16	0.00		0.00	0.16	5				
17 5 66	1910	11300.	49.7	12.0	8.0	1.3	268	15		438	0.08	0.03	0.00	0.40	0.01	0.20	9				
6 6 66	1830	32000.	3.5	25.0	8.0	1.2	262	20		396	0.16	0.04	0.16			0.10	5				
15 6 66	1900		427.0	17.0	8.0	3.0	340	270			0.26		0.03	0.84	0.01		10				
9 8 66	1920	178000.	2.4	22.0	7.0	3.5	244	19	8.5	393		0.14	0.20	0.65	0.01	0.10	22				
7 9 66		70000.	7.0			0.9			5.5		0.22	0.12	0.20	0.40			5				

NO. SAMPLES	7	9	8	7	9	6	7	6	6	8	8	9	7	7	7	9	2	2	2	2
MAXIMUM	178000.	427.0	25.0	12.0	3.5	340	270	11.0	438	0.26	0.16	0.20	0.84	0.01	0.88	22	248	231	1.25	8.4
MINIMUM	9000.	2.4	0.0	5.0	0.9	244	12	5.0	365	0.08	0.04	0.00	0.26	0.00	0.05	5	234	204	0.63	8.3
AVERAGE	50214.	107.6	10.7	8.4	1.9	280	52	7.7	399	0.17	0.08	0.07	0.47	0.00	0.24	8	241	217	0.94	8.3
MEDIAN	32000.																			
MAXIMUM KILOTONS/YEAR				3.37	1.26	143.	113.6			0.109	0.013	0.013	0.35	0.004	0.191	4.21	54.	50.	0.271	
MINIMUM KILOTONS/YEAR				0.02	0.00	1.	0.0			0.001	0.000	0.000	0.00	0.000	0.000	0.02	5.	4.	0.013	
AVERAGE KILOTONS/YEAR				0.84	0.27	45.	17.2			0.025	0.005	0.002	0.07	0.001	0.032	0.79	29.	27.	0.142	

RIVER BASIN- MOUNTAIN STR.W

STREAM MILEAGE- GPS 0.1

LOCATION CODE: 03-0040-02-001

STREAM- MOUNTAIN STR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO.26 WEST

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
18 11 65	540.		2.0	11.0	3.6		88	87.0	530		0.32	0.00	0.52	0.00	0.00	11				
17 2 66	10.		0.0	13.0	16.0	384	15	13.0	500	0.16	0.06	0.03	0.26	0.00	0.00	9				
8 3 66 2045	28.		0.0	6.0	2.2	366	15	17.0	558	0.16	0.04	0.00	0.26	0.00	0.12	11				
13 4 66 2100			7.0	12.0	1.2	1318	1304		378	2.12	0.00	0.00	13.00	0.00	0.00	10				
17 5 66 1925	1600.		18.0	9.0	1.0	400	46			0.12	0.12	0.00	0.13	0.00	0.00	19				
15 6 66 1915			17.0	9.0	3.1	456	110	200.0	513	0.32	0.16	0.03	0.84	0.00		10				
6 7 66 1900	72000.		23.0	10.0	1.8	456	30		625	0.96	0.88	0.60		0.03	0.00	23				
9 8 66 1930	30000.		20.0	8.0	6.3	484	58	31.0	680	0.44	0.16	0.66	1.60	0.06	0.00	27				
7 9 66	201000.				3.6	516	52	41.0		0.22	0.20	0.08	1.15	0.03	0.30	26				

NO. SAMPLES	7	8	8	9	8	9	6	7	8	9	9	8	9	8	9	1
MAXIMUM	201000.	23.0	13.0	16.0	1318	1304	200.0	680	2.12	0.88	0.66	13.00	0.06	0.30	27	
MINIMUM	10.	0.0	6.0	1.0	366	15	13.0	378	0.12	0.00	0.00	0.13	0.00	0.00	9	
AVERAGE	43597.	10.9	9.7	4.3	547	190	64.8	540	0.56	0.22	0.16	2.22	0.01	0.05	16	
MEDIAN	1600.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOUNTAIN STR.E

STREAM MILEAGE- GPS 0.1

LOCATION CODE: 03-0041-02-001

STREAM- MOUNTAIN STR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO.26 EAST

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAO3 PPM	TOT IRON PPM	PH AT LAB
18	11	65		620.		2.5	9.0	2.2		148	135.0	470	0.64	0.40	0.00	0.46	0.01	0.00	11		
17	2	66		4000.		0.0	11.0	6.0	414	15	11.5	595	0.16	0.09	0.72	1.40	0.00	0.00	25		
8	3	66		12.		1.0	3.0	3.6	364	15	13.0	530	0.18	0.09	0.40	0.71	0.01	0.12	28		
13	4	66	2110			11.0	11.0	1.4	2714	2502	680.0	404	2.28	0.00	0.00	12.00	0.00	0.00	12		
17	5	66	1930			23.0	12.0	3.4	444			0.44	0.26	0.05	0.52	0.01			28		
15	6	66	1920			20.0	7.0	2.6	490	178		0.60	0.12	0.03	0.84	0.00			9		
7	7	66	1845			26.0	9.0	4.1	358	31		445	0.24	0.24	0.16	0.78	0.03	0.08	21		
9	8	66	1940			20.0	5.0	147.0	3172	2586	480.0	970		0.60		35.00	0.01	0.05	54		
7	9	66		380000.				7.9		820.0		1.16	0.40		1.15				38		

NO. SAMPLES	7	8	8	9	7	7	6	6	8	9	7	9	8	6	9
MAXIMUM	380000.	26.0	12.0	147.0	3172	2586	820.0	970	2.28	0.60	0.72	35.00	0.03	0.12	54
MINIMUM	12.	0.0	3.0	1.4	358	15	11.5	404	0.16	0.00	0.00	0.46	0.00	0.00	9
AVERAGE	59776.	12.9	8.4	19.8	1136	782	356.6	569	0.71	0.24	0.19	5.87	0.01	0.04	25
MEDIAN	4000.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- PRETTY RIVER

STREAM MILEAGE- P 1.5

LOCATION CODE: 03-0053-02-001

STREAM- PRETTY RIVER

SAMPLE POINT DESCRIPTION- HWY. 26

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 11 65		96.				0.7			12.0	400	0.16	0.04	0.00	0.40	0.00	0.50	7	256	230	0.44	8.4
4 4 66		60.				3.4	286	15	29.0	415	0.08	0.04	0.23	0.46	0.01	0.60	11				

NO. SAMPLES	2			2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1
MAXIMUM	96.			3.4	286	15	29.0	415	0.16	0.04	0.23	0.46	0.01	0.60		11	256	230	0.44	8.4
MINIMUM	60.			0.7	286	15	12.0	400	0.08	0.04	0.00	0.40	0.00	0.50		7	256	230	0.44	8.4
AVERAGE	78.			2.0	286	15	20.5	407	0.12	0.04	0.11	0.43	0.00	0.55		9	256	230	0.44	8.4
MEDIAN	78.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- NOTTAWASAGA R.

STREAM MILEAGE- NB 50.4

LOCATION CODE: 03-0057-02-001

STREAM- BOYNE RIVER

SAMPLE POINT DESCRIPTION- COUNTY RD. NO 10, ALLISTON TOWN

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
4 4 66		29000.		0.0	9.5																
5 5 66		25000.		7.0	9.0	15.0	280	21	6.5	436	1.30	0.38	0.50	1.10	0.04	0.16	17	250	226	0.79	8.1
21 7 66		112000.		22.5	7.0	5.0	364	12	6.0	537	1.38	1.14	0.72	1.60	0.10	0.12	26	242	215	1.12	8.0
14 9 66		710000.		15.5	6.0	11.0	366	27	9.5	536	2.38	0.92	1.31	2.60	0.10	0.45	22				

NO. SAMPLES	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
MAXIMUM	710000.	22.5	9.5	15.0	366	27	9.5	537	2.38	1.14	1.31	2.60	0.10	0.45	26	250	226	1.12	8.1	
MINIMUM	25000.	0.0	6.0	5.0	280	12	6.0	436	1.30	0.38	0.50	1.10	0.04	0.12	17	242	215	0.79	8.0	
AVERAGE	219000.	11.2	7.9	10.3	336	20	7.3	503	1.69	0.81	0.84	1.77	0.08	0.24	21	246	220	0.95	8.0	
MEDIAN	70500.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- NOTTAWASAGA R.

STREAM MILEAGE- NP 33.7

LOCATION CODE: 03-0057-02-004

STREAM- PINE RIVER

SAMPLE POINT DESCRIPTION- BELOW CAMP BORDEN S.T.P.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15	9 66	11700.		14.0	10.0	2.2	274	15	4.0	390	0.28	0.26	0.20	0.36	0.01	0.25	8				

NO. SAMPLES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAXIMUM	11700.	14.0	10.0	2.2	274	15	4.0	390	0.28	0.26	0.20	0.36	0.01	0.25	8	
MINIMUM	11700.	14.0	10.0	2.2	274	15	4.0	390	0.28	0.26	0.20	0.36	0.01	0.25	8	
AVERAGE	11700.	14.0	10.0	2.2	274	15	4.0	390	0.28	0.26	0.20	0.36	0.01	0.25	8	
MEDIAN	11700.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- HOLLAND RIVER

STREAM MILEAGE- H 6.6

LOCATION CODE: 03-0077-02-001

STREAM- HOLLAND RIVER

SAMPLE POINT DESCRIPTION- QUEENSVILLE ROAD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		520.				4.8	500	10													
9 12 65	1530	3700.		0.0	12.0	2.8	562	15	3.5	840	1.64	0.92	1.31	1.80	0.04	1.60	94				
17 3 66		210.				2.6	362	27	38.0	663	0.98	0.60	0.72	1.40	0.02	0.75	23				
28 6 66		38000.				12.0	498	21	4.0	796	2.36	1.54	0.03	2.45	0.06	0.08	81				
13 7 66		110.				9.0	564	15	23.0												
16 7 66						26.0	504	56	37.0	730	2.80	1.20	0.06	11.80	0.00	0.56					
15 8 66		590.				26.0		38		724	5.70	3.30	0.50	6.45	0.05	0.75	96				
30 8 66		90.				14.0	524	31	13.0	812	4.30	3.60	0.20	3.10	0.18	0.34	109				

NO. SAMPLES	7	1	1	8	7	8	6	6	6	6	6	6	6	6	6	5
MAXIMUM	38000.	0.0	12.0	26.0	564	56	38.0	840	5.70	3.60	1.31	11.80	0.18	1.60	109	
MINIMUM	90.	0.0	12.0	2.6	362	10	3.5	663	0.98	0.60	0.03	1.40	0.00	0.08	23	
AVERAGE	6174.	0.0	12.0	12.1	502	26	19.7	760	2.96	1.86	0.47	4.50	0.06	0.68	80	
MEDIAN	520.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- HOLLAND RIVER

STREAM MILEAGE- H 12.4

LOCATION CODE: 03-0077-02-003

STREAM- HOLLAND RIVER

SAMPLE POINT DESCRIPTION- HERALD ROAD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65		11000.				6.4	512	7													
22 10 65		80.				7.2		37	36.0	750	2.80	2.50	4.10	5.40	0.04	0.50	97	252	226	0.80	7.8
9 12 65	1500	9400.		0.5	14.0	4.8	564	7	4.0		2.28	2.16	1.44	2.80	0.04	1.10	81				
17 3 66		11000.				3.0	414	19	20.0	626	1.38	0.78	0.40	2.30	0.02	0.75	28				
28 6 66		128000.				15.0	646	15	9.5		7.40	7.00	1.15	5.30	0.50		127				
13 7 66		1430.				7.4	612	15	5.0												
16 7 66						4.8	566	1	5.5		10.00	9.50	0.50		0.28	4.00					
15 8 66		30000.				7.2	572	15		922	4.36	1.72	2.46	4.45	1.10	2.20	122				
30 8 66		730.				15.0	578	56	8.0		8.70	6.90	1.97	4.80	0.45	2.00					

NO. SAMPLES	8	1	1	9	8	9	7	3	7	7	7	6	7	6	5	1	1	1	1
MAXIMUM	128000.	0.5	14.0	15.0	646	56	36.0	922	10.00	9.50	4.10	5.40	1.10	4.00	127	252	226	0.80	7.8
MINIMUM	80.	0.5	14.0	3.0	414	1	4.0	626	1.38	0.78	0.40	2.30	0.02	0.50	28	252	226	0.80	7.8
AVERAGE	23955.	0.5	14.0	7.9	558	19	12.6	766	5.27	4.37	1.72	4.17	0.35	1.76	91	252	226	0.80	7.8
MEDIAN	10200.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- HOLLAND RIVER

STREAM MILEAGE- H 15.4

LOCATION CODE: 03-0077-02-006

STREAM- HOLLAND RIVER

SAMPLE POINT DESCRIPTION- MULOCK DRIVE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
13 10 65		670.				1.6	500	3													
9 12 65	1600	10400.		1.5	8.0	5.8	528	15	3.8	690	1.28	0.88	4.92	4.00		0.30	76				
17 3 66		260.				2.6	398	47	24.0	639	0.72	0.32	1.44	2.10	0.00	0.30	22				
13 7 66		110.				7.2	390	15	7.0												
15 7 66		700.				15.0	646	15	8.5	1160	6.40	6.40	5.60	10.50	0.30	0.00	174				
16 7 66						9.3	624	13	17.0	1083	9.40	9.30	7.38	7.60	0.25	0.20					
15 8 66		520.				6.6	734	15		1310	4.10	3.00	9.30	12.00	0.35	0.16	201				
30 8 66		8000.				13.0	754	15	4.0		4.70	4.40	7.87		0.13	0.05					

NO. SAMPLES	7	1	1	8	8	8	6	5	6	6	6	5	5	6	4
MAXIMUM	10400.	1.5	8.0	15.0	754	47	24.0	1310	9.40	9.30	9.30	12.00	0.35	0.30	201
MINIMUM	110.	1.5	8.0	1.6	390	3	3.8	639	0.72	0.32	1.44	2.10	0.00	0.00	22
AVERAGE	2951.	1.5	8.0	7.6	571	17	10.7	976	4.43	4.05	6.08	7.24	0.21	0.17	118
MEDIAN	670.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- HOLLAND RIVER

STREAM MILEAGE- HA 19.3

LOCATION CODE: 03-0077-02-007

STREAM- AURORA CREEK

SAMPLE POINT DESCRIPTION- HWY 11 N OF ST. ANDREWS COLLEGE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13	10	65				28.0	838	35													
22	10	65				13.0		185	68.0	830	5.20	1.50	2.46	8.60	0.02	0.30	96	306	250	4.80	7.6
9	12	65	1620	5.0	9.0	126.0	920	56	45.0	1000	1.28	0.70	5.25	25.00	0.04	0.00	109				
3	3	66				9.8	454	32	21.0	696	2.10	1.34	4.27	6.10	0.03	0.40	67				
17	3	66				17.0	506	42	24.0	1042	3.30	1.08	6.56	7.60	0.02	0.20	58				
28	6	66				57.0	930	90	39.0	1570	9.80	3.60	6.90	8.30	0.01	0.00	248				
13	7	66				18.0	292	49	40.0												
16	7	66				58.0	756	74	160.0	1090	10.20	3.00	7.38	8.30	0.06	0.08					
15	8	66				16.0	692	62	42.0	1127	9.90	5.20	9.30	17.00	0.50	0.02	147				
30	8	66				22.0	780	102	38.0		2.40	0.30	11.50		0.20	0.03					

NO. SAMPLES	9	1	1	10	9	10	9	7	8	8	8	7	8	8	6	1	1	1	1
MAXIMUM	9700000.	5.0	9.0	126.0	930	185	160.0	1570	10.20	5.20	11.50	25.00	0.50	0.40	248	306	250	4.80	7.6
MINIMUM	10.	5.0	9.0	9.8	292	32	21.0	696	1.28	0.30	2.46	6.10	0.01	0.00	58	306	250	4.80	7.6
AVERAGE	1151377.	5.0	9.0	36.5	685	72	53.0	1050	5.52	2.09	6.70	11.56	0.11	0.13	120	306	250	4.80	7.6
MEDIAN	15700.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- PEFFERL UXBRBR

STREAM MILEAGE- PU 20.6

LOCATION CODE: 03-0077-02-009

STREAM- PEFFERL UXBRBR

SAMPLE POINT DESCRIPTION- BELOW UXBRIDGE S.T.P.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TGT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 10 65		910.		13.5	9.0	5.2		20	11.5	355	0.68	0.50	0.53	1.45	0.01	0.24	8	208	184	0.49	8.0
8 2 66		210.		0.0	11.0	5.8	314	15	11.0	370	0.70	0.64	0.82	1.20	0.01	0.40	13				
4 5 66				10.0	12.0	12.0	290	15	7.0	417	1.28	0.74	0.20	1.80	0.02	0.04	18	200	182	0.54	8.1
17 6 66		4300.		18.5	9.0	4.6	284	33			1.10	0.64	0.80		0.00	0.06	15				8.2
27 6 66		410000.				24.0	456	134													
10 8 66		21000.		25.0	7.0	9.4	260	12	10.5	376	1.32	1.04	0.60		0.00	0.06	5				

NO. SAMPLES	5	5	5	6	5	6	4	4	5	5	5	3	5	5	5	2	2	2	3
MAXIMUM	410000.	25.0	12.0	24.0	456	134	11.5	417	1.32	1.04	0.82	1.80	0.02	0.40	18	208	184	0.54	8.2
MINIMUM	210.	0.0	7.0	4.6	260	12	7.0	355	0.68	0.50	0.20	1.20	0.00	0.04	5	200	182	0.49	8.0
AVERAGE	87284.	13.4	9.6	10.2	320	38	10.0	379	1.02	0.71	0.59	1.48	0.01	0.16	11	204	183	0.51	8.1
MEDIAN	4300.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- PEPPERL UXBRBR

STREAM MILEAGE- PU 20.6

LOCATION CODE: 03-0077-02-009

STREAM- PEPPERL UXBRBR

SAMPLE POINT DESCRIPTION- BELOW UXBRIDGE S.T.P.

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
22 10 65						0.11	0.30	0.00						
27 6 66						0.18	0.50	0.90						

NO. SAMPLES

2

2

2

MAXIMUM

0.18

0.50

0.90

MINIMUM

0.11

0.30

0.00

AVERAGE

0.14

0.40

0.45

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- BEAVERTON R.

STREAM MILEAGE- B 0.2

LOCATION CODE: 03-0077-02-010

STREAM- BEAVERTON R.

SAMPLE POINT DESCRIPTION- AT NEAR MOUTH, LAKE SIMCOE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 10 65		530.		10.0	9.0	3.2		33	38.0	400	0.28	0.20	0.13	0.84	0.00	0.00	17	242	204	1.41	8.2
18 11 65						3.2	346	17													
4 5 66				9.0	12.0	0.4	306	15	2.8	418	0.20	0.20	0.03	0.58	0.01	0.12	12	230	194	0.30	8.4
16 6 66		6900.		24.0	9.0	2.7	330	19			0.72	0.42	0.05		0.00	0.06					8.4
9 8 66		4500.		23.0	9.0	4.7	264	19	11.5	316	0.48	0.16	0.05	2.10	0.00	0.00	13				
31 8 66		520.		24.0	10.0	3.0		6				0.08	0.05		0.00	0.07					

NO. SAMPLES	4	5	5	6	4	6	3	3	4	5	5	3	5	5	3	2	2	2	3
MAXIMUM	6900.	24.0	12.0	4.7	346	33	38.0	418	0.72	0.42	0.13	2.10	0.01	0.12	17	242	204	1.41	8.4
MINIMUM	520.	9.0	9.0	0.4	264	6	2.8	316	0.20	0.08	0.03	0.58	0.00	0.00	12	230	194	0.30	8.2
AVERAGE	3112.	18.0	9.8	2.9	311	18	17.4	378	0.42	0.21	0.06	1.17	0.00	0.05	14	236	199	0.85	8.3
MEDIAN	2515.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- BEAVERTON R.

STREAM MILEAGE- B 12.6

LOCATION CODE: 03-0077-02-011

STREAM- BEAVERTON R.

SAMPLE POINT DESCRIPTION- 1ST.SIDE RD.,VILL.OF CANNINGTON

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 10 65		1270.		9.0	9.0	4.4		3	5.0	430	0.18	0.16	0.12	0.92	0.00	0.00	15	260	216	0.22	8.0
8 2 66		180.		0.0	10.0	3.0	470	66	10.0	543	0.30	0.08	0.23	1.20	0.01	0.75	14				
4 5 66				11.0	15.0	2.8	280	15	2.1	405	0.06	0.05	0.03	0.58	0.01	0.14	13	210	188	0.10	8.5
16 6 66		60000.		22.0	12.0	2.2	320	12			0.16	0.06	0.05			0.28					8.5
10 8 66		10200.		23.0	8.0	3.5	306	13	12.5	384	0.28	0.16	0.08	2.30	0.01	0.05	11				
31 8 66		1340.		21.0	6.2	2.0		12		394	0.30	0.28	0.08	0.65	0.00	0.10					

NO. SAMPLES	5	6	6	6	4	6	4	5	6	6	6	5	5	6	4	2	2	2	3
MAXIMUM	60000.	23.0	15.0	4.4	470	66	12.5	543	0.30	0.28	0.23	2.30	0.01	0.75	15	260	216	0.22	8.5
MINIMUM	180.	0.0	6.2	2.0	280	3	2.1	384	0.06	0.05	0.03	0.58	0.00	0.00	11	210	188	0.10	8.0
AVERAGE	14598.	14.3	10.0	3.0	344	20	7.4	431	0.21	0.13	0.10	1.13	0.01	0.22	13	235	202	0.16	8.3
MEDIAN	1340.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- MUSKOKA RIVER

STREAM MILEAGE- M 11.6

LOCATION CODE: 03-0085-02-001

STREAM- MUSKOKA RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO.103

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	5 66	3500.		8.5	12.0	0.7	40	15			0.02	0.00	0.00	0.33	0.01	0.00	6				
20	7 66	1070.		24.0	9.0	0.3	66	2	2.3	44	0.06	0.00	0.06	0.33	0.00	0.05	3	18	12	0.28	7.0
9	8 66	4.		24.0	9.0	2.7		7	8.5	56	0.10	0.02	0.00	0.66	0.00	0.00	2				
24	8 66	140.		21.0	9.0	0.8	86	15	2.0		0.04			0.01							
14	9 66	270.		21.0	8.0	0.9	32	15	1.7	42	0.02	0.00	0.05		0.00	0.01	3				

NO. SAMPLES	5	5	5	5	4	5	4	3	5	4	4	4	4	4	4	1	1	1	1
MAXIMUM	3500.	24.0	12.0	2.7	86	15	8.5	56	0.10	0.02	0.06	0.66	0.01	0.05	6	18	12	0.28	7.0
MINIMUM	4.	8.5	8.0	0.3	32	2	1.7	42	0.02	0.00	0.00	0.01	0.00	0.00	2	18	12	0.28	7.0
AVERAGE	997.	19.7	9.4	1.1	56	10	3.6	47	0.05	0.00	0.03	0.33	0.00	0.01	3	18	12	0.28	7.0
MEDIAN	270.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- MUSKOKA RIVER

STREAM MILEAGE- M 21.4

LOCATION CODE: 03-0085-02-003

STREAM- MUSKOKA L.O.U.T.

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO.69

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17 5 66	124.		11.0	8.0	1.0	40	15			0.00	0.00	0.00	0.13	0.01	0.00	9				
20 7 66	24.		23.0	9.0	0.3	40	1	1.5	50	0.02	0.01	0.03	0.13	0.00	0.08	2	16	13	0.23	7.4
9 8 66	180.		23.5	8.0	5.6	52	1	5.5	56	0.10	0.04	0.00	0.92	0.01	0.00	3				
24 8 66	44.		21.0	9.0	0.7	60	15	0.8		0.06	0.06	0.02	0.10	0.02						
14 9 66 1430	20.		20.5	8.0	0.7	44	15	0.7	46	0.00	0.00	0.16			0.01	4				

NO. SAMPLES	5	5	5	5	5	5	4	3	5	5	5	4	4	4	4	1	1	1	1
MAXIMUM	180.	23.5	9.0	5.6	60	15	5.5	56	0.10	0.06	0.16	0.92	0.02	0.08	9	16	13	0.23	7.4
MINIMUM	20.	11.0	8.0	0.3	40	1	0.7	46	0.00	0.00	0.00	0.10	0.00	0.00	2	16	13	0.23	7.4
AVERAGE	78.	19.8	8.4	1.7	47	9	2.1	50	0.04	0.02	0.04	0.32	0.01	0.02	4	16	13	0.23	7.4
MEDIAN	44.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MUSKOKA RIVER

STREAM MILEAGE- M 43.3

LOCATION CODE: 03-0085-02-004

STREAM- MUSKOKA R.S.

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO.11

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65		196.		6.5	10.0	1.8			2.9	38	0.06	0.02	0.00	0.40	0.00	0.00	2	14	6	0.60	6.5
18 5 66		142.		11.0	11.0	0.4	44			38	0.02	0.00	0.00	2.50	0.01	0.06					
20 7 66		32.		26.0	9.0	0.2	52	3	2.0	39	0.08	0.08	0.06	0.33	0.00	0.04	2	12	13	0.47	7.3
9 8 66		4.		25.0	7.0	1.7		1	4.5	44	0.04	0.01	0.05	0.78	0.00	0.00	3				
30 8 66		40.				1.2	38	15	1.4		0.02	0.00	0.06		0.00	0.03					
13 9 66		100.				2.1			14.0	39	0.02	0.00	0.10		0.00	0.00	2				

NO. SAMPLES	6		4	4	6	3	3	5	5	6	6	6	4	6	6	4	2	2	2	2
MAXIMUM	196.		26.0	11.0	2.1	52	15	14.0	44	0.08	0.08	0.10	2.50	0.01	0.06	3	14	13	0.60	7.3
MINIMUM	4.		6.5	7.0	0.2	38	1	1.4	38	0.02	0.00	0.00	0.33	0.00	0.00	2	12	6	0.47	6.5
AVERAGE	86.		17.1	9.2	1.2	44	6	5.0	39	0.04	0.02	0.04	1.00	0.00	0.02	2	13	9	0.53	6.9
MEDIAN	70.																			

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- MUSKOKA RIVER

STREAM MILEAGE- M 45.7

LOCATION CODE: 03-0085-02-005

STREAM- MUSKOKA R.N.

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO.11

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DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65		58.		6.5	10.0	2.0			2.1	42	0.06	0.04	0.05	0.26	0.00	0.00	3	26	7	0.58	6.6
18 5 66		76.		8.0	11.0	0.8	56			43	0.04	0.02	0.00	0.20	0.00	0.08	5				
20 7 66		60.		23.0	9.0	0.3	46	1	3.1	43	0.24	0.24	0.03	0.26	0.00	0.07	2	16	11	0.33	7.1
9 8 66		360.		23.0	8.0	0.5		1	4.5	45	0.06	0.04	0.06	0.46	0.00	0.00	2				
30 8 66		324.				2.2	26	15	1.8			0.08	0.06		0.00	0.07					
13 9 66		80.				0.6	40	15	24.0	43	0.01	0.00	0.08		0.00	0.02	2				

NO. SAMPLES	6	4	4	6	4	4	5	5	5	6	6	4	6	6	5	2	2	2	2
MAXIMUM	360.	23.0	11.0	2.2	56	15	24.0	45	0.24	0.24	0.08	0.46	0.00	0.08	5	26	11	0.58	7.1
MINIMUM	58.	6.5	8.0	0.3	26	1	1.8	42	0.01	0.00	0.00	0.20	0.00	0.00	2	16	7	0.33	6.6
AVERAGE	160.	15.1	9.5	1.1	42	8	7.1	43	0.08	0.07	0.05	0.29	0.00	0.04	2	21	9	0.45	6.8
MEDIAN	78.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- MUSKOKA RIVER

STREAM MILEAGE- M 65.4

LOCATION CODE: 03-0085-02-007

STREAM- FAIRY L. OUTLET

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 527

DATE SAMPLED	HOURLY	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	5 66	54.		8.0	11.0	2.1	52	15			0.12	0.12	0.00	0.26	0.01	0.00	6				
21	7 66	100.		23.0	9.0	0.6	36	6	2.1	40	0.02	0.01	0.03	0.07	0.00	0.04	2	14	7	0.36	7.4
10	8 66	268.		25.0	8.0	2.8		4	8.0	45	0.01	0.01			0.00	0.00	3				
30	8 66	304.		22.0	8.0	1.2	44	15	3.5			0.01	0.05		0.00	0.03					
13	9 66	80.		20.5	9.0	1.0	30	30	14.0	41	0.06	0.00	0.13		0.00	0.02	2				

NO. SAMPLES	5	5	5	5	4	5	4	3	4	5	4	2	5	5	4	1	1	1	1
MAXIMUM	304.	25.0	11.0	2.8	52	30	14.0	45	0.12	0.12	0.13	0.26	0.01	0.04	6	14	7	0.36	7.4
MINIMUM	54.	8.0	8.0	0.6	30	4	2.1	40	0.01	0.00	0.00	0.07	0.00	0.00	2	14	7	0.36	7.4
AVERAGE	161.	19.7	9.0	1.5	40	14	6.9	42	0.05	0.03	0.05	0.16	0.00	0.02	3	14	7	0.36	7.4
MEDIAN	100.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- MUSKOKA RIVER

STREAM MILEAGE- M 68.4

LOCATION CODE: 03-0085-02-008

STREAM- L. VERN OUTLET

SAMPLE POINT DESCRIPTION- HIGHWAY NO.11B

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	5 66	500.		8.0	11.0	0.7	44	15			0.05	0.01	0.00	0.13	0.01	0.00	7				
21	7 66	13000.		23.0	8.0	0.5	58	8	2.6	46	0.06	0.02	0.06	0.13	0.00	0.08	2	14	7	0.44	6.9
10	8 66	10500.		24.0	8.0	2.1		5	7.0	44	0.06	0.01			0.00	0.10	3				
30	8 66	10400.		22.0	9.0	1.1	22	15	2.6			0.01	0.06		0.00	0.08					
13	9 66	9500.		21.0	8.0	0.5		15	23.0	40	0.02	0.00	0.16		0.00	0.02	2				

NO. SAMPLES	5	5	5	5	3	5	4	3	4	5	4	2	5	5	4	1	1	1	1
MAXIMUM	13000.	24.0	11.0	2.1	58	15	23.0	46	0.06	0.02	0.16	0.13	0.01	0.10	7	14	7	0.44	6.9
MINIMUM	500.	8.0	8.0	0.5	22	5	2.6	40	0.02	0.00	0.00	0.13	0.00	0.00	2	14	7	0.44	6.9
AVERAGE	8780.	19.6	8.8	1.0	41	11	8.8	43	0.05	0.01	0.07	0.13	0.00	0.06	3	14	7	0.44	6.9
MEDIAN	10400.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MUSKOKA RIVER

STREAM MILEAGE- MS 66.8

LOCATION CODE: 03-0085-02-009

STREAM- L. OF BAY OUT

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 118

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65		36.		7.0	9.0	1.9			1.1	34	0.08	0.02	0.00	0.33	0.00	0.00	1	14	6	0.12	6.6
17 5 66		12.		9.0	11.0	1.1	54			40	0.04	0.04	0.00	0.13	0.01	0.07	6				
21 7 66		80.		23.0	9.0	0.6	28	3	2.3	39	0.01	0.01	0.10	0.07	0.00	0.00	2	14	7	0.22	7.5
9 8 66		268.		24.5	8.0	2.6		3	7.0	47	0.06	0.01	0.28		0.00	0.00	3				
30 8 66		48.		22.0	8.0	1.1	26	15	1.4		0.01	0.00	0.10		0.00	0.03	2				
13 9 66		110.		20.5	9.0	0.9	34	15	26.0	50	0.02	0.00	0.30		0.00		2				

NO. SAMPLES	6	6	6	6	4	4	5	5	6	6	6	3	6	5	6	2	2	2	2
MAXIMUM	268.	24.5	11.0	2.6	54	15	26.0	50	0.08	0.04	0.30	0.33	0.01	0.07	6	14	7	0.22	7.5
MINIMUM	12.	7.0	8.0	0.6	26	3	1.1	34	0.01	0.00	0.00	0.07	0.00	0.00	1	14	6	0.12	6.6
AVERAGE	92.	17.7	9.0	1.4	35	9	7.6	42	0.04	0.01	0.13	0.18	0.00	0.02	2	14	6	0.17	7.0
MEDIAN	64.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOON RIVER

STREAM MILEAGE- MO 10.4

LOCATION CODE: 03-0092-02-001

STREAM- MOON RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO.103

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	5 66	2800.		10.0	11.0	0.8	14	15			0.06	0.00	0.00	0.20	0.01	0.00	8				
20	7 66	320.		24.0	8.0	0.6	74	2	2.5	53	0.01	0.00	0.03	0.40	0.00	0.04	3	24	14	0.24	7.0
9	8 66	172.		24.0	7.0	1.1		3	4.5	53	0.06		0.05		0.00	0.00	3				
30	8 66	160.		20.5	9.0	0.4	38	15	1.5		0.01	0.08		0.01							
13	9 66 1630	390.		20.5	8.0	0.6	36	15	1.5	49	0.04	0.01	0.13			0.01	3				

NO.SAMPLES	5	5	5	5	4	5	4	3	5	4	4	2	4	4	4	1	1	1	1
MAXIMUM	2800.	24.0	11.0	1.1	74	15	4.5	53	0.06	0.08	0.13	0.40	0.01	0.04	8	24	14	0.24	7.0
MINIMUM	160.	10.0	7.0	0.4	14	2	1.5	49	0.01	0.00	0.00	0.20	0.00	0.00	3	24	14	0.24	7.0
AVERAGE	768.	19.8	8.6	0.7	40	10	2.5	51	0.04	0.02	0.05	0.30	0.00	0.01	4	24	14	0.24	7.0
MEDIAN	320.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- GEORGIAN BAY

STREAM MILEAGE- MCL 0.2

LOCATION CODE: 03-0097-02-001

STREAM- MCCURRY L.O.U.T.

SAMPLE POINT DESCRIPTION- EMIL STREET, TOWN OF PARRY SOUND

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	5	66		100.		13.0	8.0	8.8	250	26	21.0	10.40	8.00	8.20	10.50	0.02	0.00	59			
20	7	66		610.		25.0	7.0	19.0	338	252	65.0	353	16.20	7.80	6.05	3.50	0.16	0.17	46	90	78 11.80 8.2
9	8	66		8200.		23.0	6.0	29.0	286	32	39.0	372	15.20	15.00	0.36	3.50	0.80	0.12	44		
24	8	66		2800.		17.5	6.0	13.0	296	30	23.0	367	13.40	13.20	2.95	7.30	0.10	0.12	44		
14	9	66		3100.		18.5	5.0	19.0	246	36	10.0	374	13.80	13.60	2.96	5.00	0.08	0.25	44		

NO. SAMPLES	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	1	1	1	1
MAXIMUM	8200.	25.0	8.0	29.0	338	252	65.0	374	16.20	15.00	8.20	10.50	0.80	0.25	59	90	78	11.80	8.2
MINIMUM	100.	13.0	5.0	8.8	246	26	10.0	353	10.40	7.80	0.36	3.50	0.02	0.00	44	90	78	11.80	8.2
AVERAGE	2962.	19.4	6.4	17.8	283	75	31.6	366	13.80	11.52	4.10	5.96	0.23	0.13	47	90	78	11.80	8.2
MEDIAN	2800.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- LITTLE RIVER

STREAM MILEAGE- L 0.1

LOCATION CODE: 04-0001-02-001

STREAM- LITTLE RIVER

SAMPLE POINT DESCRIPTION- RIVERSIDE DRIVE, WINDSOR - T

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 1 66	0.		1.0	13.0	1.2	220	15	7.0	310	0.56	0.50	0.62	0.98	0.05	1.10					
16 3 66	4.		0.5	8.0	2.4	286	15	5.5	419	3.30	3.30	1.05	2.10	0.03	1.00	30	174	104	0.49	7.6
27 4 66	16.		7.0	10.0	2.2	610	28			5.52	5.20	0.06	2.60		4.40	58				
25 5 66	330.		17.5	9.0	1.4	530	15	12.0		11.40	9.30	0.53	1.70	0.02	0.80	337				
29 6 66	1200.		23.0	8.0	3.4	510	28	20.0	706	17.00	16.80	0.25	2.20	0.30	7.50	61				
2 7 66	4000.		24.0	8.0	4.4	340	40	21.0	447	5.50	4.30	0.33	1.50	0.08	2.00	27	170	108	1.87	7.6
5 8 66	7000.		21.0	8.0	5.2	354	41	24.0	462	7.30	6.30	0.23	1.20	0.05	3.70	38				
16 8 66	290000.		20.0	6.0	4.8	532	214	270.0	424	4.20	3.60	1.00	2.50	0.10	1.30	40				
14 9 66	280.				3.2	548	34	9.0	681	21.50	18.80	1.97	5.30	0.05	12.50	59				

NO. SAMPLES	9	8	8	9	9	9	8	7	9	9	9	9	8	9	8	2	2	2	2
MAXIMUM	290000.	24.0	13.0	5.2	610	214	270.0	706	21.50	18.80	1.97	5.30	0.30	12.50	337	174	108	1.87	7.6
MINIMUM	0.	0.5	6.0	1.2	220	15	5.5	310	0.56	0.50	0.06	0.98	0.02	0.80	27	170	104	0.49	7.6
AVERAGE	33648.	14.2	8.7	3.1	436	47	46.1	492	8.48	7.57	0.67	2.23	0.08	3.81	81	172	106	1.18	7.6
MEDIAN	330.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- LITTLE RIVER

STREAM MILEAGE- L 0.1

LOCATION CODE: 04-0001-02-002

STREAM- LITTLE RIVER

SAMPLE POINT DESCRIPTION- RIVERSIDE DRIVE, WINDSOR - B \*\*\*

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
27 4 66	100.		6.5	10.0	2.4	636	31			5.92	5.20	1.38	2.70		5.00	57				
25 5 66	700.		16.5	9.0	1.4	416	15		608	8.90	7.90	0.33	1.50	0.02	4.40	49				
30 6 66	8900.		23.0	8.0	4.6	498	33	31.0	714	16.00	15.00	0.25	2.20	0.30	10.00	63				
20 7 66			23.5	6.0	4.9	594	124	71.0	665	9.90	9.60	0.60	2.20	0.40	3.00	47	262	139	3.90	7.4
5 8 66	6900.		21.0	8.0	3.6	364	44	23.0	463	7.40	6.20	0.41	1.10	0.05	4.00	38				
17 8 66	19700.		20.0	6.0	9.2	580	232	115.0	431	4.60	4.00	1.00	2.80	0.10	1.40	35				
13 9 66	1400.				2.2	504	20	7.0	734	21.50	21.50	2.30	3.10	0.10	0.03	59				

NO. SAMPLES	6	6	6	7	7	7	5	6	7	7	7	7	6	7	7	1	1	1	1
MAXIMUM	19700.	23.5	10.0	9.2	636	232	115.0	734	21.50	21.50	2.30	3.10	0.40	10.00	63	262	139	3.90	7.4
MINIMUM	100.	6.5	6.0	1.4	364	15	7.0	431	4.60	4.00	0.25	1.10	0.02	0.03	35	262	139	3.90	7.4
AVERAGE	6283.	18.4	7.8	4.0	513	71	49.4	602	10.60	9.91	0.90	2.23	0.16	3.98	49	262	139	3.90	7.4
MEDIAN	4150.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- LAKE ST CLAIR

STREAM MILEAGE- LSTC 68.0

LOCATION CODE: 04-0002-02-001

STREAM- PARENT DRAIN

SAMPLE POINT DESCRIPTION- RIVERSIDE DR. W. OF TECUMSEH

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 1 66			0.0	2.8	1.8	986	30	10.0	1416	0.76	0.29	0.74	2.35	0.05	0.60	220				
15 3 66	2800.		5.5	3.2	1.8	864	15	4.5	1065	0.53	0.48	0.30	1.80	0.04	2.00	120	498	174	0.65	8.1
27 4 66	240000.		6.0	9.0	3.6	716	366			1.08	0.10	0.46	1.40	0.06	2.50	32				
25 5 66	70000.		18.0	4.0	4.8	796	149	71.0	948	1.26	0.36	0.46	2.20	0.02	2.20	101				
30 6 66	46000.		23.0	3.0	5.2	350	15	27.0	450	2.18	1.72	0.16	1.80	0.01	0.00	44				
13 7 66	28000.		23.0	4.0	6.0	202	47	32.0	364	3.00	2.80			0.01	0.00	26				
20 7 66	41000.		22.5	4.0	4.8	392	78	40.0	495	1.60	1.00	1.00	2.50	0.18	0.25	37	196	135	2.77	7.4
5 8 66	2700.		21.5	1.5	1.2	302	15	11.0	434	1.52	1.28	0.20	1.80	0.01	0.00	26				
17 8 66	11000.		20.0	4.0	8.0	604	56	27.0	850	3.40	3.10	2.00	4.80	0.10	0.00	121				

NO. SAMPLES	8	9	9	9	9	9	8	8	9	9	8	8	9	9	9	2	2	2	2
MAXIMUM	240000.	23.0	9.0	8.0	986	366	71.0	1416	3.40	3.10	2.00	4.80	0.18	2.50	220	498	174	2.77	8.1
MINIMUM	2700.	0.0	1.5	1.2	202	15	4.5	364	0.53	0.10	0.16	1.40	0.01	0.00	26	196	135	0.65	7.4
AVERAGE	55187.	15.5	3.9	4.1	579	85	27.8	752	1.70	1.24	0.66	2.33	0.05	0.84	80	347	154	1.71	7.7
MEDIAN	34500.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- LAKE ST. CLAIR

STREAM MILEAGE- LSTC 67.2

LOCATION CODE: 04-0003-02-001

STREAM- MANNING DRAIN

SAMPLE POINT DESCRIPTION- RIVERSIDE DRIVE, RIVERSIDE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26	1	66		0.0	0.0	26.0	864	30	12.5	1200	14.00	6.98	16.40	22.00	0.00	0.00	165				
15	3	66	2700.	4.0	1.2	2.0	916	15	2.6	1178	1.72	1.26	1.18	2.60	0.04	0.80	175	88	208	0.26	8.0
27	4	66	151000.	7.0	10.0	3.4	804	15			1.18	0.90	0.20	1.20	0.10	0.80	168				
26	5	66	16900.	18.0	11.0	6.4	774	26		1090	5.70	3.20	0.40	2.10	0.01	0.00	157				
30	6	66	4300.	23.0	9.0	15.0	630	70	45.0	905	4.96	4.48	1.31	4.60	0.01	0.05	105				
5	8	66	5800.	20.5	0.4	9.0	714	24	27.0	990	8.90	8.80	3.28	6.00	0.30	0.00	146				
16	8	66	7600000.	20.0	8.0	165.0	784	76	80.0	930	4.50	1.40		12.00	0.01	0.06	145				
13	9	66	460000.	24.0	12.0	15.0	868	40	38.0	1462	20.50	18.60	0.33	18.20	0.10	0.05	236				

NO. SAMPLES	7	8	8	8	8	8	6	7	8	8	7	8	8	8	8	1	1	1	1
MAXIMUM	7600000.	24.0	12.0	165.0	916	76	80.0	1462	20.50	18.60	16.40	22.00	0.30	0.80	236	88	208	0.26	8.0
MINIMUM	2700.	0.0	0.0	2.0	630	15	2.6	905	1.18	0.90	0.20	1.20	0.00	0.00	105	88	208	0.26	8.0
AVERAGE	1177243.	14.6	6.4	30.2	794	37	34.2	1107	7.68	5.70	3.30	8.59	0.07	0.22	162	88	208	0.26	8.0
MEDIAN	16900.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- PIKE CREEK

STREAM MILEAGE- P 0.3

LOCATION CODE: 04-0004-02-001

STREAM- PIKE CREEK

SAMPLE POINT DESCRIPTION- TECUMSEH RD., HWY 39

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 1 66	160.		0.0	20.0	1.7	362	15	3.3		0.11	0.09	0.28	0.58	0.01	2.30					
16 3 66	1500.		1.5	11.0	3.6	618	15	8.5		0.22	0.08	0.00	0.84	0.03	6.25	44	394			
27 4 66	800.		9.0	10.0	2.6	534	19			0.26	0.06	0.00		0.03	5.60	31				
26 5 66	3000.		20.0	10.0	5.0	588	43	31.0	776	0.36	0.08	0.40	1.30	0.01	1.00	38				
29 6 66	300.		25.0	9.0	2.6	588	43	48.0	676	0.56	0.44	0.16	1.00	0.16	6.20	30				
20 7 66	19000.		24.5	8.0	3.4	514	66	59.0	600	0.38	0.10	0.30	3.25	0.12	5.00	20	284	157	2.48	7.9
5 8 66	440.		22.0	8.0	1.8	492	60	59.0	591	0.40	0.08	0.70	2.20	0.05	1.90	24				
16 8 66	310000.		21.5	6.0	3.6	514	57	43.0	809	0.56	0.24	0.26	2.10	0.04	0.20	78				
13 9 66	970.		24.0	10.0	3.8	656	100	27.0	596	0.36	0.08	0.36	1.20	0.01	0.01	41				

NO. SAMPLES	9		9	9	9	9	9	8	6	9	9	9	8	9	9	8	2	1	1	1
MAXIMUM	310000.		25.0	20.0	5.0	656	100	59.0	809	0.56	0.44	0.70	3.25	0.16	6.25	78	394	157	2.48	7.9
MINIMUM	160.		0.0	6.0	1.7	362	15	3.3	591	0.11	0.06	0.00	0.58	0.01	0.01	20	284	157	2.48	7.9
AVERAGE	37352.		16.4	10.2	3.1	540	46	34.8	674	0.36	0.14	0.27	1.56	0.05	3.16	38	339	157	2.48	7.9
MEDIAN	970.																			

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- PUCE RIVER

STREAM MILEAGE- P 0.4

LOCATION CODE: 04-0005-02-001

STREAM- PUCE RIVER

SAMPLE POINT DESCRIPTION- HWY. 39

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB		
26	1	66		53000.		0.0	17.0	2.4	412	15	5.0	530	1.08	0.58	0.82	2.20	0.01	2.40	39				
15	3	66		8000.		1.5	10.0	2.6	604	46	34.0	720	0.60	0.22	0.00	1.00	0.02	7.50	32	385	163	1.62	8.2
27	4	66		700.		9.0	10.0	4.2	558	59			0.80	0.24	0.00	2.10	0.06	6.00	31				
26	5	66		4800.		20.0	9.0	6.4	596	102	65.0	685	0.92	0.24	0.26	2.10	0.02	1.50	35				
29	6	66		2400.		24.5	11.0	3.1		114	84.0	445	1.04	0.52	0.23	2.00	0.10	3.00	28				
20	7	66		670.		24.5	10.0	5.4	466	52	53.0	596	0.88	0.40	0.66	3.40	0.18	2.50	25	266	156	1.95	8.1
5	8	66		35000.		22.0	9.0	4.8	420	118	91.0	455	0.94	0.30	0.43	2.10	0.02	0.00	36				
16	8	66		50000.		22.0	5.0	6.2	646	110	65.0	741	1.66	1.14	0.62	2.20	0.15	1.00	70				
13	9	66		630.		23.5	8.0	4.2	366	84	59.0	491	0.78	0.38	0.46	1.50	0.01	0.01	236				

NO. SAMPLES	9		9	9	9	8	9	8	8	9	9	9	9	9	9	9	2	2	2	2
MAXIMUM	53000.		24.5	17.0	6.4	646	118	91.0	741	1.66	1.14	0.82	3.40	0.18	7.50	236	385	163	1.95	8.2
MINIMUM	630.		0.0	5.0	2.4	366	15	5.0	445	0.60	0.22	0.00	1.00	0.01	0.00	25	266	156	1.62	8.1
AVERAGE	17244.		16.3	9.9	4.4	508	77	57.0	582	0.97	0.45	0.39	2.07	0.06	2.66	59	325	159	1.78	8.1
MEDIAN	4800.																			

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- BELLE RIVER

STREAM MILEAGE- B 0.2

LOCATION CODE: 04-0007-02-001

STREAM- BELLE RIVER

SAMPLE POINT DESCRIPTION- CNR BRIDGE, VILL. OF BELLE RIVER

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND. 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	2030			15.0	9.5	6.0		44	43.0	285	2.00	1.32	0.66	2.80	0.02	0.00	21	140	109	1.30	7.7
26 1 66		470.		0.0	13.0	1.7	192	15	5.0	278	0.11	0.08	0.08	0.55	0.01	0.90	18				
15 3 66		22000.		1.0	9.0	3.2	564	40	40.0	721	0.76	0.25	0.20	2.50	0.02	5.00	36	345	146	1.54	8.0
27 4 66		131000.		9.0	9.0	4.8	542	71			1.16	0.52	0.46	2.30	0.04	5.60	32				
26 5 66		75000.		18.0	10.0	2.6	324	20	31.0	454	0.86	0.62	0.33	1.05	0.04	5.30	23				
29 6 66		310000.		23.0	9.0	3.2	288	24	37.0	398	1.30	1.00	0.66	1.30	0.05	2.00	24				
20 7 66		70000.		24.5	6.0	3.1	412	68	48.0	475	0.64	0.54	0.82	3.40	0.16	3.00	18	212	124	2.30	7.5
5 8 66		54000.		22.0	7.0	2.4	332	53	27.0	378	1.20	0.88	0.33	1.90	0.01	0.36	22				
16 8 66		80000.		23.0	5.0	4.2	402	48		486	1.78	1.58	1.40	2.95	0.05	0.25					
13 9 66		52000.		23.5	7.0	4.4	356	40	24.0	400	2.48	2.04	1.00	1.50	0.01	0.03	41				

NO. SAMPLES	9			10	10	10	9	10	8	9	10	10	10	10	10	10	9	3	3	3	3
MAXIMUM	310000.			24.5	13.0	6.0	564	71	48.0	721	2.48	2.04	1.40	3.40	0.16	5.60	41	345	146	2.30	8.0
MINIMUM	470.			0.0	5.0	1.7	192	15	5.0	278	0.11	0.08	0.08	0.55	0.01	0.00	18	140	109	1.30	7.5
AVERAGE	88274.			15.9	8.4	3.6	379	42	31.9	430	1.23	0.88	0.59	2.02	0.04	2.24	26	232	126	1.71	7.7
MEDIAN	70000.																				

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- RUSCOM RIVER

STREAM MILEAGE- R 0.6

LOCATION CODE: 04-0010-02-001

STREAM- RUSCOM RIVER

SAMPLE POINT DESCRIPTION- TECUMSEH ROAD, ROCHESTER TWP.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	2100			15.0	8.0	6.0		68	84.0	530	0.40	0.28	0.16	1.00	0.00	0.00	63	286	131	2.20	8.0
26 1 66		214.		0.0	19.0	2.7	340	15	3.6	514	0.13	0.06	0.03	0.65	0.01	2.30	27				
15 3 66		8000.		2.0	9.5	2.2	532	43	36.0	716	0.28	0.08	0.06	1.10	0.01	7.50	31	350	126	1.41	8.2
27 4 66		4.		7.0	10.0	3.0	556	105			0.36	0.08	0.08	2.10	0.02	5.00	32				
26 5 66		1140.		20.0	11.0	3.6	622	63	48.0	800	0.32	0.06	0.23	1.20	0.06	0.80	37				
29 6 66		110000.		25.0	10.0	2.8	578	62	74.0	446	0.48	0.28	0.40	1.55	0.12	4.00	34				
20 7 66		4000.		24.0	8.0	2.6	584	86	84.0	635	0.38	0.10	0.21	1.95	0.16	5.00	26	298	143	3.80	7.7
5 8 66		580.		21.5	7.0	2.2	528	46	45.0	642	0.32	0.12	0.23	1.10	0.05	1.80	32				
16 8 66		9200.		22.5	6.0	2.8	586	78		729	0.48	0.10	1.31	1.55	0.04	0.65					
13 9 66		110.		24.0	9.0	3.0	468	64	40.0	572	0.28	0.04	0.46	1.20	0.02	0.10	45				

NO. SAMPLES	9	10	10	10	9	10	8	9	10	10	10	10	10	10	9	3	3	3	3
MAXIMUM	110000.	25.0	19.0	6.0	622	105	84.0	800	0.48	0.28	1.31	2.10	0.16	7.50	63	350	143	3.80	8.2
MINIMUM	4.	0.0	6.0	2.2	340	15	3.6	446	0.13	0.04	0.03	0.65	0.00	0.00	26	286	126	1.41	7.7
AVERAGE	14805.	16.1	9.7	3.1	532	63	51.8	620	0.34	0.12	0.32	1.34	0.05	2.71	36	311	133	2.47	8.0
MEDIAN	1140.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 0.1

LOCATION CODE: 04-0013-02-001

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- LAKE ST. CLAIR - L

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1900			14.0	14.0	5.6		30	18.0	690	0.64	0.46	0.33	1.55	0.02	0.00	60	284	190	0.47	8.5
26 1 66		1700.		0.0	11.0	2.1	502	15	4.0	714	0.90	0.63	0.49	1.30	0.05	2.50	40				
26 5 66		200.		20.0	10.0	2.2	436	39	23.0	627	0.86	0.52	0.23	1.10	0.04	0.80	30				
29 6 66		570.		26.0	9.0	2.6	386	15	23.0		0.44	0.28	0.53	1.00	0.10	2.00	29				
20 7 66		32.		25.5	9.8	7.0	322	32	23.0	460	0.64	0.18	0.92	2.50	0.05	0.20	26	198	137	1.01	7.8
5 8 66		30.		24.0	8.0	2.2	386	28	21.0	594	0.58	0.34	0.36	1.00	0.04	0.00	42				
16 8 66		500.		23.0	7.5	3.2	326	34		404	0.30	0.08	0.10	0.84	0.01	0.00	25				
13 9 66				24.0	10.5	2.6	384	18	9.0	586	1.38	1.28	0.60	0.10	0.02	0.05	44				

NO. SAMPLES	6	8	8	8	7	8	7	7	8	8	8	8	8	8	8	2	2	2	2
MAXIMUM	1700.	26.0	14.0	7.0	502	39	23.0	714	1.38	1.28	0.92	2.50	0.10	2.50	60	284	190	1.01	8.5
MINIMUM	30.	0.0	7.5	2.1	322	15	4.0	404	0.30	0.08	0.10	0.10	0.01	0.00	25	198	137	0.47	7.8
AVERAGE	505.	19.6	10.0	3.4	391	26	17.3	582	0.72	0.47	0.44	1.17	0.04	0.69	37	241	163	0.74	8.1
MEDIAN	350.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 0.1

LOCATION CODE: 04-0013-02-002

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- LAKE ST. CLAIR - CT

DATE SAMPLED			HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP		DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
D	M	Y				C.																		
20	10	65	1915			14.0	14.0		6.0		30	21.0	640	0.60	0.48	0.36	1.55	0.16	0.00	60	278	188	0.55	8.4
26	5	66		200.		21.0	12.0		3.4	446	33	18.0	617	0.76	0.52	0.30	1.00	0.04	5.00	30				
29	6	66		250.		26.0	9.0		2.1	390	15	26.0	570	0.50	0.36	0.53	1.15	0.10	1.50	29				
20	7	66		8.		25.5	9.0		5.7	362	32	29.0	450	0.46	0.06	0.50	1.60	0.01	0.26	26	192	136	0.91	8.1
5	8	66		20.		24.0	8.0		2.4	406	19	13.0	576	0.58	0.30	0.40	1.10	0.03	0.00	44				
16	8	66		600.		23.0	9.0		2.2	344	33	27.0	448	0.36	0.10	0.62	1.20	0.01	0.00	35				
13	9	66		100.		24.0	11.0		2.6	388	20	9.0	581	1.26	1.22		0.86	0.00		44				

NO. SAMPLES	6	7	7	7	6	7	7	7	7	7	6	7	7	6	7	2	2	2	2
MAXIMUM	600.	26.0	14.0	6.0	446	33	29.0	640	1.26	1.22	0.62	1.60	0.16	5.00	60	278	188	0.91	8.4
MINIMUM	8.	14.0	8.0	2.1	344	15	9.0	448	0.36	0.06	0.30	0.86	0.00	0.00	26	192	136	0.55	8.1
AVERAGE	196.	22.5	10.3	3.5	389	26	20.4	554	0.65	0.43	0.45	1.21	0.05	1.13	38	235	162	0.73	8.2
MEDIAN	150.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 0.1

LOCATION CODE: 04-0013-02-003

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- LAKE ST. CLAIR - CB

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65 1920			13.0	12.0	5.6		156	62.0	640	0.86	0.44	0.36	1.50	0.01	0.00	61	284	188	2.50	8.2
26 5 66	400.		20.0	11.0	3.0	428	24	26.0	617	0.86	0.46	0.23	0.84	0.04	5.00	31				
29 6 66	540.		27.0	8.0	2.7	386	30	31.0	578	0.46	0.36	0.50	1.00	0.10	2.00	29				
20 7 66	900.		25.0	9.0	2.0	208	40	24.0	296	0.26	0.06	0.08	0.71	0.05	0.05	18	120	89	0.85	8.2
5 8 66	8.		23.0	8.0	1.8	408	32	21.0	581	0.70	0.46	0.56	1.00	0.02	0.00	44				
16 8 66	2100.		22.5	7.0	4.4	486	180	87.0	527	0.88	0.12	0.33	2.20	0.02	0.00	39				
13 9 66	80.		23.0	9.0	2.8	446	21	12.5	581	1.34	1.24	0.60	1.00	0.02	0.05	43				

NO. SAMPLES	6	7	7	7	6	7	7	7	7	7	7	7	7	7	7	2	2	2	2
MAXIMUM	2100.	27.0	12.0	5.6	486	180	87.0	640	1.34	1.24	0.60	2.20	0.10	5.00	61	284	188	2.50	8.2
MINIMUM	8.	13.0	7.0	1.8	208	21	12.5	296	0.26	0.06	0.08	0.71	0.01	0.00	18	120	89	0.85	8.2
AVERAGE	671.	21.9	9.1	3.2	393	69	37.6	545	0.77	0.45	0.38	1.18	0.04	1.01	37	202	138	1.67	8.2
MEDIAN	470.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 0.1

LOCATION CODE: 04-0013-02-004

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- LAKE ST. CLAIR - R

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1900			14.0	14.0	5.4		30	20.0	700	0.72	0.70	0.36	1.90	0.01	0.00	60	280	188	0.45	8.4
15 3 66		1700.		2.0	10.0	1.2	464	101	87.0	539	0.68	0.22	0.00	1.10	0.01	2.50	24	270	173	2.67	8.1
27 4 66		3500.		7.0	10.0	2.4	464	84			0.70	0.14	0.16	1.40	0.02	2.50	24				
26 5 66		100.		20.5	10.0	2.4	230	35	26.0	626	0.78	0.52	0.26	1.10	0.00	0.80	24				
27 6 66		470.		26.5	9.0	2.3	400	16	14.0	575	0.46	0.36	0.43	1.00	0.10	2.00	28				
20 7 66		32.		25.5	9.0	6.9	342	32	23.0	450	0.46	0.06	0.78	2.80	0.05	0.20	26	188	132	1.05	7.9
5 8 66		40.		24.0	8.0	2.2	394	24	18.0	592	0.56	0.32	0.62	1.10	0.03	0.00	44				
16 8 66		2600.		23.0	8.5	2.2	324	25		440		0.10		0.90	0.01	0.00	35				
13 9 66		4.		24.0	11.0	3.0	366	21	10.0	581	1.24	1.20	0.46	1.00	0.01	0.05	45				

NO. SAMPLES	8	9	9	9	8	9	7	8	8	9	8	9	9	9	9	3	3	3	3
MAXIMUM	3500.	26.5	14.0	6.9	464	101	87.0	700	1.24	1.20	0.78	2.80	0.10	2.50	60	280	188	2.67	8.4
MINIMUM	4.	2.0	8.0	1.2	230	16	10.0	440	0.46	0.06	0.00	0.90	0.00	0.00	24	188	132	0.45	7.9
AVERAGE	1056.	18.5	9.9	3.1	373	40	28.3	562	0.70	0.40	0.38	1.37	0.03	0.89	34	246	164	1.39	8.1
MEDIAN	285.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- TBB 3.4

LOCATION CODE: 04-0013-02-005

STREAM- TILBURY CREEK

SAMPLE POINT DESCRIPTION- TECUMSEH RD., TWP. TILLBURY E.

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65 1830			15.5	11.0	5.4		61	45.0	575	0.90	0.20	0.20	1.80	0.00	0.00	61	258	145	1.96	8.0
27 1 66	58.		1.0	10.0	1.8	758	15	7.5		0.44	0.29	0.33	2.50	0.01	3.20					
15 3 66	940.		1.0	10.0	2.4	514	98	65.0	629	1.18	0.36	0.12	2.10	0.05	7.50	24	300	112	3.10	7.8
27 4 66	70000.		6.0	9.0	4.4	614	174			1.30	0.28	0.53	3.10	0.04	3.00	25				
26 5 66	500.		21.0	10.0	6.8	598	77	53.0	720	0.86	0.32	0.33	2.30	0.15	0.50	29				
29 6 66	470.		25.5	9.0	7.5	538	72	62.0	595	0.66	0.04	0.40	2.95	0.15	10.00	25				
5 8 66	44.		22.0	8.0	3.6	480	66	26.0	534	0.72	0.12	0.60	2.80	0.10	1.40	30				
16 8 66	4100.		24.0	6.0	6.0	498	152	87.0	586	1.02	0.54	0.33	2.70	0.15	1.60	39				
13 9 66	330.		24.0	13.0	6.2	400	70	42.0	550	0.56	0.04	0.60	1.80	0.01	0.05	30				

NO. SAMPLES	8	9	9	9	8	9	8	7	9	9	9	9	9	9	8	2	2	2	2
MAXIMUM	70000.	25.5	13.0	7.5	758	174	87.0	720	1.30	0.54	0.60	3.10	0.15	10.00	61	300	145	3.10	8.0
MINIMUM	44.	1.0	6.0	1.8	400	15	7.5	534	0.44	0.04	0.12	1.80	0.00	0.00	24	258	112	1.96	7.8
AVERAGE	9555.	15.6	9.6	4.9	550	87	48.4	598	0.85	0.24	0.38	2.45	0.07	3.03	32	279	128	2.53	7.9
MEDIAN	485.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T8 2.4

LOCATION CODE: 04-0013-02-006

STREAM- BAPTIST CREEK

SAMPLE POINT DESCRIPTION- TECUMSEH RD, TILLBURY TWP. NORTH

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65 1800			15.0	13.0	14.0		55	38.0	610	1.12	0.28	0.85	3.60	0.00	0.00	71	254	183	1.56	7.6
27 1 66	82.		1.0	7.0	1.6	774	15	9.5	1000	2.64	2.32	1.48	2.80	0.02	3.00	57				
15 3 66	820.		21.0	11.0	1.6	630	49	39.0	799	0.42	0.13	0.36	0.86	0.04	7.50	31	410	153	1.71	7.8
27 4 66	13800.		6.0	11.0																
26 5 66	200.		21.0	11.0	6.2	670	68	48.0	820	0.64	0.24	0.24	2.30	0.20	0.60	38				
29 6 66	190.		26.0	9.0	3.2	576	62	71.0	674	0.70	0.20	1.15	2.95	0.20	7.50	28				
5 8 66	112.		23.0	8.0	4.8	448	62	34.0	540	0.68	0.16	0.33	1.90	0.12	0.56	36				
16 8 66	3300.		24.0	9.5	11.0	524	254	40.0	645	1.22	0.34	0.06	3.10	0.10	0.35	43				
13 9 66	10.		25.0	11.0	5.8	532	66	41.0	619	0.82	0.28	0.66	1.80	0.01	0.05	46				

NO. SAMPLES	8	9	9	8	7	8	8	8	8	8	8	8	8	8	8	2	2	2	2
MAXIMUM	13800.	26.0	13.0	14.0	774	254	71.0	1000	2.64	2.32	1.48	3.60	0.20	7.50	71	410	183	1.71	7.8
MINIMUM	10.	1.0	7.0	1.6	448	15	9.5	540	0.42	0.13	0.06	0.86	0.00	0.00	28	254	153	1.56	7.6
AVERAGE	2314.	18.0	10.1	6.0	593	78	40.1	713	1.03	0.49	0.64	2.41	0.09	2.44	43	332	168	1.63	7.7
MEDIAN	195.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 9.0

LOCATION CODE: 04-0013-02-007

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- BRIDGE %PRAIRIE SIDING&lt; - L

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26	5 66	920.				3.2	416	32	20.0	606	0.86	0.54	0.26	1.00	0.03	0.60	28				
30	6 66	270.		27.0	10.0	4.4	398	22	27.0	556	0.68	0.38	0.60	1.45	0.06	1.00	28				
13	7 66	410.		23.0	6.0	3.0	432	34	23.0	524	0.88	0.78		1.40	0.03	0.15	47				
5	8 66	164.		24.0	8.0	2.0	436	24	26.0	624	0.68	0.34	0.46	1.40	0.06	0.00	50				

NO. SAMPLES

4

3

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4

MAXIMUM	920.	27.0	10.0	4.4	436	34	27.0	624	0.88	0.78	0.60	1.45	0.06	1.00	50
MINIMUM	164.	23.0	6.0	2.0	398	22	20.0	524	0.68	0.34	0.26	1.00	0.03	0.00	28
AVERAGE	441.	24.7	8.0	3.1	420	28	24.0	577	0.77	0.51	0.44	1.31	0.04	0.44	38
MEDIAN	340.														

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 9.0

LOCATION CODE: 04-0013-02-008

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- BRIDGE 3/2 PRAIRIE SIDING&lt; - R

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26	5 66	780.				3.6	410	25	18.0	603	0.88	0.60	0.23	1.05	0.03	0.45	29				
30	6 66	310.		26.5	10.0	5.0	398	25	32.0	556	0.78	0.34	0.66	1.55	0.06	1.25	28				
5	8 66	148.		24.0	8.0	2.2	324	34	27.0	643	0.68	0.36	0.46	1.00	0.03	0.00	50				
13	9 66	600.		23.0	7.0	3.2	408	31	32.0	634	0.90	0.74	0.72	1.05	0.05	0.07	47				

NO. SAMPLES	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
MAXIMUM	780.	26.5	10.0	5.0	410	34	32.0	643	0.90	0.74	0.72	1.55	0.06	1.25	50	
MINIMUM	148.	23.0	7.0	2.2	324	25	18.0	556	0.68	0.34	0.23	1.00	0.03	0.00	28	
AVERAGE	460.	24.5	8.3	3.5	385	28	27.2	609	0.81	0.51	0.52	1.16	0.04	0.44	38	
MEDIAN	455.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 16.0

LOCATION CODE: 04-0013-02-009

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- HWY. 2, KIEL DRIVE - L

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1545			15.0	7.5	5.6		37	36.0	690	2.24	2.00	1.00	2.80	0.12	0.80	57	312	214	0.78	7.4
5 12 65		8100.		1.2	7.4	1.6		28	20.0	560	0.88	0.52	0.46	1.55	0.03	2.80	28				
15 3 66		2100.		1.5	10.0	3.0	502	170	68.0	501	0.80	0.19	0.00	0.60	0.03	2.00	17	255	180	3.55	8.1
26 4 66		7700.		12.0	9.0	3.4	486	104	81.0	484	0.58	0.14	0.08	1.10	0.01	0.20	22				
26 5 66		1490.		21.5	10.0	4.2	392	36	26.0	594	0.62	0.28	0.16	0.90	0.02	0.50	26				
29 6 66		48000.		28.0	9.0	3.5	454	36	31.0		0.74	0.52	0.46	1.30	0.15	0.75	30				
5 8 66		2100.		24.0	8.0	4.0	454	38	31.0	605	0.62	0.20	0.33	1.50	0.01	0.00	56				
13 9 66		7000.		23.0	10.0	2.6	396	46	8.0	407	0.42	0.36	0.33	1.20	0.00	0.15	19				

NO. SAMPLES	7	8	8	8	6	8	8	7	8	8	8	8	8	8	8	2	2	2	2
MAXIMUM	48000.	28.0	10.0	5.6	502	170	81.0	690	2.24	2.00	1.00	2.80	0.15	2.80	57	312	214	3.55	8.1
MINIMUM	1490.	1.2	7.4	1.6	392	28	8.0	407	0.42	0.14	0.00	0.60	0.00	0.00	17	255	180	0.78	7.4
AVERAGE	10927.	15.8	8.9	3.5	447	61	37.6	548	0.86	0.53	0.35	1.37	0.05	0.90	31	283	197	2.16	7.7
MEDIAN	7000.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 16.0

LOCATION CODE: 04-0013-02-010

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- HWY. 2, KIEL DRIVE - R

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1530			15.0	7.5	4.4		44	34.0	710	2.49	0.19	1.15	3.10	0.08	0.00	56	304	212	0.84	7.6
5 12 65		6100.		1.8	7.0	0.8		12	32.0	550	0.84	0.64	0.30	1.30	0.03	2.80	28				
15 3 66		3100.		2.0	10.0	3.0	486	164	95.0	499	0.74	0.18	0.05	0.46	0.03	2.50	17	245	180	3.70	8.1
26 4 66		12800.		12.0	9.0	2.4	448	101	81.0	495	0.54	0.14	0.06	1.00	0.02	0.18	52				
26 5 66		1350.				3.0	392	37	24.0	590	0.62	0.28	0.16	0.90	0.02	0.60	27				
29 6 66		43000.		28.0	9.0	3.2		41	24.0		0.70	0.50	0.43	1.30	0.04	1.25	29				
5 8 66		2900.		24.0	8.0	3.6	466	39	30.0	662	0.60	0.22	0.23	1.10	0.01	0.00	56				
13 9 66		110000.		23.0	10.0	5.0	448	46	7.5	629	0.34	0.24	0.46	1.10	0.02	0.17	45				

NO. SAMPLES	7	7	7	8	5	8	8	7	8	8	8	8	8	8	8	2	2	2	2
MAXIMUM	110000.	28.0	10.0	5.0	486	164	95.0	710	2.49	0.64	1.15	3.10	0.08	2.80	56	304	212	3.70	8.1
MINIMUM	1350.	1.8	7.0	0.8	392	12	7.5	495	0.34	0.14	0.05	0.46	0.01	0.00	17	245	180	0.84	7.6
AVERAGE	25607.	15.1	8.6	3.2	448	60	40.9	590	0.86	0.30	0.35	1.28	0.03	0.94	38	274	196	2.27	7.8
MEDIAN	6100.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- TN 73.0

LOCATION CODE: 04-0013-02-011

STREAM- NEWBIGGIN CR.

SAMPLE POINT DESCRIPTION- HIGHWAYS 2 AND 80

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	3 66	1100.		1.0	6.0	2.0	422	40	26.0	578	0.48	0.28	0.30	0.86	0.02	2.00	20	300	194	1.38	8.2
28	4 66	75000.		7.0	11.0	4.8	838	558	620.0		2.32	0.10	0.33	3.10		1.50	11				
25	5 66	5000.		18.0	10.0	6.2	524	122	68.0	687	1.68	1.12	0.05	1.30	0.05	0.80	43				
27	6 66	1500.		26.0	9.0	10.2	632	112	77.0	856	1.80	1.16	1.15	3.60	0.01	0.00	89				
8	8 66	159000.		20.0	8.0	58.0	1022	167	100.0	1447	11.60	11.50	1.31	1.04	0.60	0.36	254				
15	9 66	1010.		13.0	9.0	5.0	834	86	50.0	1310	2.90	2.00	0.20	2.10	0.04	0.30	214				

NO. SAMPLES	6	6	6	6	6	6	6	6	5	6	6	6	6	5	6	6	1	1	1	1
MAXIMUM	159000.	26.0	11.0	58.0	1022	558	620.0	1447	11.60	11.50	1.31	3.60	0.60	2.00	254	300	194	1.38	8.2	
MINIMUM	1010.	1.0	6.0	2.0	422	40	26.0	578	0.48	0.10	0.05	0.86	0.01	0.00	11	300	194	1.38	8.2	
AVERAGE	40435.	14.2	8.8	14.4	712	180	156.8	975	3.46	2.69	0.56	2.00	0.14	0.83	105	300	194	1.38	8.2	
MEDIAN	3250.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- TO 122.5

LOCATION CODE: 04-0013-02-012

STREAM- DINGMAN CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO.2

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65 1730	290.		13.0	10.0	1.1		9	9.5	770	0.58	0.56	0.20	0.71	0.08	0.60	93	308	249	0.04	7.8
15 2 66	12000.		0.8	11.0	2.0	382	15	8.5	540	0.68	0.26	0.20	1.20	0.00	4.00	35				
16 3 66	490.		2.0	9.0	1.8	364	15	3.6	539	0.22	0.16	0.05	0.84	0.01	2.50	32	264	169	0.74	7.9
26 4 66	26000.		10.0	11.0	2.2	410	15	10.0		0.34	0.30	0.06		0.01	1.50					
26 5 66	50000.		18.0	9.0	2.6	502	15	11.5	784	0.46	0.46	0.36	1.10	0.05	1.00	57				
30 6 66	580.		20.0	9.0	4.6	604	36	29.0	856	0.78	0.36	0.05	1.50	0.00	2.50	90				
5 8 66	280.		20.5	8.0	4.6	438	18	14.0	710	0.58	0.40	0.05	1.00	0.08	2.00	768				
12 9 66	20000.		15.5	5.0	1.2	624	15	3.8	894	0.28	0.10	0.16		0.10	5.00	102				

NO. SAMPLES	8	8	8	8	7	8	8	7	8	8	8	6	8	8	7	2	2	2	2
MAXIMUM	50000.	20.5	11.0	4.6	624	36	29.0	894	0.78	0.56	0.36	1.50	0.10	5.00	768	308	249	0.74	7.9
MINIMUM	280.	0.8	5.0	1.1	364	9	3.6	539	0.22	0.10	0.05	0.71	0.00	0.60	32	264	169	0.04	7.8
AVERAGE	13705.	12.5	9.0	2.5	474	17	11.2	727	0.49	0.32	0.14	1.06	0.04	2.39	168	286	209	0.39	7.8
MEDIAN	6290.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- TN 135.8

LOCATION CODE: 04-0013-02-014

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- FANSHAWE L. DAM

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
24 11 65		420.		4.0	11.0	1.7			10.0	535	0.20	0.20	0.16	0.84	0.01	3.00	18	310	217	0.64	8.2
15 2 66		460.		0.2	11.5	3.0	216	1	6.0	300	0.72	0.24	0.30	1.50	0.00	3.00	10				
14 3 66		260.		1.0	13.0	2.0	286	15	7.5	438	0.34	0.34	0.18	0.84	0.01	2.50	11	232	178	0.56	8.0
26 4 66		240.		12.0	13.0	2.4	368	31	27.0		0.28	0.04	0.10	0.84	0.03	1.50	13				
27 5 66		20.		19.0	12.0	4.0	348	49	12.0		0.30	0.02	0.13	0.90	0.02	0.50	20				
30 6 66		20.		28.0	10.0	3.4		15	7.5				0.53	1.05	0.05	0.50	20				
5 8 66		500.		24.0	8.0	3.8	310	15	12.0	427	0.32	0.04	0.33	1.30	0.03	0.10	16				
12 9 66		50.		23.0	12.0	3.8	266	16	4.0	433	0.26	0.06	0.36	1.30	0.00	0.00	17				

NO. SAMPLES	8	8	8	8	6	7	8	5	7	7	8	8	8	8	8	2	2	2	2
MAXIMUM	500.	28.0	13.0	4.0	368	49	27.0	535	0.72	0.34	0.53	1.50	0.05	3.00	20	310	217	0.64	8.2
MINIMUM	20.	0.2	8.0	1.7	216	1	4.0	300	0.20	0.02	0.10	0.84	0.00	0.00	10	232	178	0.56	8.0
AVERAGE	246.	13.9	11.3	3.0	299	20	10.7	426	0.35	0.13	0.26	1.07	0.02	1.39	15	271	197	0.60	8.1
MEDIAN	250.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 158.3

LOCATION CODE: 04-0013-02-015

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- CABLE BRIDGE, ST. MARYS

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
23 11 65		15000.		4.0	11.0	1.3		15	4.0	500	0.44	0.28	0.06	1.00	0.02	3.00	18	334	246	0.27	8.2
15 2 66		148.		0.2	12.0	2.0	286	15	4.0	395	0.30	0.11	0.12	1.00	0.00	3.00	11				
5 4 66		500.		1.0	10.5	2.9	370			523	0.18	0.10	0.00	0.52	0.02	2.00	14				
9 5 66		340.		11.0	11.0	3.6	292	15	4.5	504	0.37	0.26	0.00	1.10	0.03	0.80	18	260	208	0.15	8.9
25 5 66		820.		17.0	10.0	2.8	352	15			0.34	0.22	0.00	0.78	0.02	0.55	16		227		8.6
27 6 66		790.		21.0	6.0	2.0	356	15	6.0	485	0.20	0.20	0.20	1.10	0.02	0.00	16				
2 8 66				21.0	7.0	3.6	306	24		500	0.76	0.68	0.02	0.58	0.06	0.32	20				
8 9 66		18000.		17.5	6.5	1.8	364	7	5.0		0.20	0.08	0.03	1.00	0.04	0.20					

NO. SAMPLES	7	8	8	8	7	7	5	6	8	8	8	8	8	8	7	2	3	2	3
MAXIMUM	18000.	21.0	12.0	3.6	370	24	6.0	523	0.76	0.68	0.20	1.10	0.06	3.00	20	334	246	0.27	8.9
MINIMUM	148.	0.2	6.0	1.3	286	7	4.0	395	0.18	0.08	0.00	0.52	0.00	0.00	11	260	208	0.15	8.2
AVERAGE	5085.	11.6	9.2	2.5	332	15	4.7	484	0.35	0.24	0.05	0.88	0.03	1.23	16	297	227	0.21	8.6
MEDIAN	790.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 160.4

LOCATION CODE: 04-0013-02-016

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- DUNDAS ST., WOODSTOCK

DATE SAMPLED	HOURL	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	1530	14000.		13.0	7.5	6.2		12	8.5	790	5.00	4.70	1.05	2.10	0.20	0.24	66	362	244	0.28	7.7
15 2 66		18000.		0.8	11.0																
14 3 66		8000.		2.0	12.0	2.2	348	15	4.0	524	0.43	0.28	0.24	1.00	0.01	2.50	23	268	180	0.51	7.9
28 4 66		81000.		15.5	11.0	4.6	420	15	32.0		0.94	0.34	0.16	1.40	0.02	1.25	28				
27 5 66		11000.		2.0	11.0	5.8	446	15	9.0	661	1.74	1.54	0.60	1.40	0.05	0.60	38				
30 6 66		9000.		24.0	10.0	6.4	508	30	3.0		2.18	1.84	0.06	1.95	0.12	0.75	44				
5 8 66		10900.		24.0	8.0																
12 9 66		24000.		18.0	6.0	6.4	520	29	6.5	739	1.98	1.84	0.40	1.10	0.30	2.50	39				

NO. SAMPLES	8	8	8	6	5	6	6	4	6	6	6	6	6	6	6	2	2	2	2
MAXIMUM	81000.	24.0	12.0	6.4	520	30	32.0	790	5.00	4.70	1.05	2.10	0.30	2.50	66	362	244	0.51	7.9
MINIMUM	8000.	0.8	6.0	2.2	348	12	3.0	524	0.43	0.28	0.06	1.00	0.01	0.24	23	268	180	0.28	7.7
AVERAGE	21987.	12.4	9.6	5.3	448	19	10.5	678	2.04	1.76	0.42	1.49	0.12	1.31	39	315	212	0.39	7.8
MEDIAN	12500.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- TC 160.9

LOCATION CODE: 04-0013-02-017

STREAM- CEDAR CREEK

SAMPLE POINT DESCRIPTION- INGERSOLL RD., TOWN OF WOODSTOCK

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	1505	270.		11.0	10.0	2.3		10	6.5	630	0.22	0.06	0.33	0.60	0.03	0.60	44	344	262	0.20	7.7
15 2 66		1400.		0.5	13.0	2.0	396	2	5.0	540	0.32	0.14	0.20	1.60	0.00	2.50	32				
14 3 66		210.		2.0	12.0	1.6	364	15	2.9	510	0.20	0.12	0.05	0.84	0.01	2.00	29	248	169	0.30	7.9
29 4 66		5000.		5.0	11.0	2.8	388	61			0.44	0.01	0.08	1.00		0.75	35				
27 5 66		12000.		19.0	10.0	5.0	424	24	16.0	578	0.40	0.02	0.16	0.80	0.01	0.36	42				
30 6 66		1020.		23.0	10.0	3.1	462	13	10.0		0.28	0.10	1.05	1.15	0.05	0.50	50				
5 8 66		8400.		24.0	9.0																
12 9 66		3200.		16.5	9.0	2.8	492	18	7.5		0.40	0.20	0.66	1.10		0.75	47				

NO. SAMPLES	8	8	8	7	6	7	6	4	7	7	7	7	5	7	7	2	2	2	2
MAXIMUM	12000.	24.0	13.0	5.0	492	61	16.0	630	0.44	0.20	1.05	1.60	0.05	2.50	50	344	262	0.30	7.9
MINIMUM	210.	0.5	9.0	1.6	364	2	2.9	510	0.20	0.01	0.05	0.60	0.00	0.36	29	248	169	0.20	7.7
AVERAGE	3937.	12.6	10.5	2.8	421	20	8.0	564	0.32	0.09	0.36	1.01	0.02	1.07	39	296	215	0.25	7.8
MEDIAN	2300.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 16.0

LOCATION CODE: 04-0013-02-019

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- KEIL DRIVE, CHATHAM - CT

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DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65						4.6		43	26.0	710	1.92	1.80	1.50	2.50	0.16	0.00	56	306	214	0.74	7.4
5 12 65		5800.				1.6		29	31.0	560	0.72	0.56	0.50	1.40	0.03	2.80	27				
26 4 66		10400.				4.2	450	106	77.0	459	0.54	0.12	0.00	1.10	0.01	0.20	56				

NO. SAMPLES	2	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1
MAXIMUM	10400.	4.6	450	106	77.0	710	1.92	1.80	1.50	2.50	0.16	2.80	56	306	214	0.74	7.4		
MINIMUM	5800.	1.6	450	29	26.0	459	0.54	0.12	0.00	1.10	0.01	0.00	27	306	214	0.74	7.4		
AVERAGE	8100.	3.5	450	59	44.7	576	1.06	0.83	0.67	1.67	0.07	1.00	46	306	214	0.74	7.4		
MEDIAN	8100.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 16.0

LOCATION CODE: 04-0013-02-020

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- KEIL DRIVE, CHATHAM - CB \*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1600					3.2		53	53.0	690	3.90	3.10	0.82	1.90	0.00	0.80	55	304	206	1.07	7.8
5 12 65		10800.				0.8		21	23.0	560	0.76	0.56	0.43	1.60	0.03	2.60	28				
27 4 66		6100.				3.2	428	102			1.02	0.24	0.08	1.00	0.03	1.25	24				

NO. SAMPLES	2	3	1	3	2	2	3	3	3	3	3	3	3	3	1	1	1	1
MAXIMUM	10800.	3.2	428	102	53.0	690	3.90	3.10	0.82	1.90	0.03	2.60	55	304	206	1.07	7.8	
MINIMUM	6100.	0.8	428	21	23.0	560	0.76	0.24	0.08	1.00	0.00	0.80	24	304	206	1.07	7.8	
AVERAGE	8450.	2.4	428	58	38.0	625	1.89	1.30	0.44	1.50	0.02	1.55	35	304	206	1.07	7.8	
MEDIAN	8450.																	

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 124.5

LOCATION CODE: 04-0013-02-021

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- GOLF COURSE, LONDON - LT \*\*\*

DATE SAMPLED	HOURL	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65		64000.				4.5		26	9.0	680	2.08	2.00	1.70	2.10	0.15	0.16	57	306	203	0.58	7.8
15 2 66		1280.		0.6	13.0	2.0	280	15	6.0	395	0.84	0.40	0.24	1.40	0.00	2.50	18				
14 3 66		5000.				3.0	348	15	7.0	479	0.40	0.26	0.21	1.00	0.02	2.30	16	250	181	0.60	8.1
26 4 66		10700.		11.0	12.0	3.8	374	18	9.5		0.40	0.24	0.05	0.65	0.02	1.50	16				
27 5 66		19000.		27.0	11.0	3.0	376	15	4.5		0.66	0.64	0.30	1.05	0.05	0.55	40				
30 6 66		8000.		27.0	10.0	6.1	432	15	7.0		1.54	1.04	0.66	1.10	0.15	0.60	49				
5 8 66		1500.		21.0	9.0	11.0	400	15	8.0	630	1.70	1.20	1.12	2.60	0.10	0.50	40				
12 9 66		1400.		22.0	7.0	3.4	374	15	2.8	630	1.22	1.14	0.60	1.30	0.40	1.50	41				

NO. SAMPLES	8	6	6	8	7	8	8	5	8	8	8	8	8	8	8	2	2	2	2
MAXIMUM	64000.	27.0	13.0	11.0	432	26	9.5	680	2.08	2.00	1.70	2.60	0.40	2.50	57	306	203	0.60	8.1
MINIMUM	1280.	0.6	7.0	2.0	280	15	2.8	395	0.40	0.24	0.05	0.65	0.00	0.16	16	250	181	0.58	7.8
AVERAGE	13860.	18.1	10.3	4.6	369	16	6.7	562	1.10	0.86	0.61	1.40	0.11	1.20	34	278	192	0.59	7.9
MEDIAN	6500.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 124.5

LOCATION CODE: 04-0013-02-022

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- FT. BRIDGE GOLF COURSE - RT \*\*\*

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 4 66	74000.		11.0	12.0	3.2	378	15	9.1		0.34	0.34	0.08	1.00	0.02	1.50	20				
27 5 66	18000.		21.0	11.0	3.4	400	23	5.5	631	0.80	0.70	0.30	1.00	0.04	0.40	44				
30 6 66	730.		27.0	9.0	7.1	418	24	7.0		1.48	1.10	0.40	1.65	0.15	0.80	47				
5 8 66	90000.		21.0	9.0	5.0	396	14	18.0	618	1.60	1.28	1.35		0.06	0.44	40				
12 9 66	1260.		22.0	6.0	3.8	382	15	3.3	632	1.34	1.22	0.60	1.40	0.40	1.40	44				

NO. SAMPLES

5

5

5

5

5

5

5

3

5

5

5

4

5

5

5

MAXIMUM  
MINIMUM  
AVERAGE  
MEDIAN

90000.  
730.  
36798.  
18000.

27.0 12.0 7.1 418 24 18.0 632 1.60 1.28 1.35 1.65 0.40 1.50 47  
11.0 6.0 3.2 378 14 3.3 618 0.34 0.34 0.08 1.00 0.02 0.40 20  
20.4 9.4 4.5 394 18 8.6 627 1.11 0.93 0.55 1.26 0.13 0.91 39

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 124.5

LOCATION CODE: 04-0013-02-023

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- FT. BRIDGE GOLF COURSE - CT \*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65		64000.		15.0	8.5	4.5	680	26	9.0	680	2.08	2.00	1.70	2.10	0.15	0.16	57	306	203	0.58	7.8
16 3 66		5000.		1.0	8.5	3.0	348	15	7.0	479	0.40	0.26	0.21	1.00	0.02	2.30	16	250	181	0.60	8.1
26 4 66	1745	13400.		11.0	12.0	3.4	376	16	11.0		0.40	0.14	0.00	0.78	0.02	1.50	17				
27 5 66		15000.		21.0	11.0	3.4	38	15	5.0	636	0.84	0.68	0.23	1.05	0.06	0.36	44				
30 6 66		710.		27.0	10.0	6.4	444	15	7.5		1.54	1.04	0.40	1.30	0.15	0.80	47				
5 8 66		900.		21.5	9.0	12.0		20	16.0	633	1.80	1.24	1.18	2.80	0.06	0.50	40				
12 9 66		1170.		21.5	6.0	3.8	386	15	3.1	629	1.40	1.32	0.53	1.30	0.40	1.50	40				

NO. SAMPLES	7	7	7	7	6	7	7	5	7	7	7	7	7	7	7	2	2	2	2
MAXIMUM	64000.	27.0	12.0	12.0	680	26	16.0	680	2.08	2.00	1.70	2.80	0.40	2.30	57	306	203	0.60	8.1
MINIMUM	710.	1.0	6.0	3.0	38	15	3.1	479	0.40	0.14	0.00	0.78	0.02	0.16	16	250	181	0.58	7.8
AVERAGE	14311.	16.9	9.3	5.2	378	17	8.4	611	1.21	0.95	0.61	1.48	0.12	1.02	37	278	192	0.59	7.9
MEDIAN	5000.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- THAMES RIVER

STREAM MILEAGE- T 124.5

LOCATION CODE: 04-0013-02-024

STREAM- THAMES RIVER

SAMPLE POINT DESCRIPTION- FT. BRIDGE GOLF COURSE - CB \*\*\*

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 4 66	34000.		11.0	12.0	3.4	352	17	9.0		0.38	0.16	0.16		0.02	1.50	16				
27 5 66	16000.		21.5	12.0	2.6	390	15	8.0	583	0.80	0.74	0.26	1.00	0.05	0.50	44				
30 6 66	990.		26.0	10.0	7.5	456	17	8.5		1.38	1.04	0.33	1.30	0.20	1.50	49				
5 8 66	580.		21.0	9.0	8.0	380	14	14.0	620	1.64	1.16	1.24	2.30	0.06	0.48	40				
12 9 66	1270.		22.0	6.0	6.0	398	15	3.8	629	1.46	1.36	0.66	1.80	0.40	1.40	41				

NO. SAMPLES	5	5	5	5	5	5	5	3	5	5	5	4	5	5	5
MAXIMUM	34000.	26.0	12.0	8.0	456	17	14.0	629	1.64	1.36	1.24	2.30	0.40	1.50	49
MINIMUM	580.	11.0	6.0	2.6	352	14	3.8	583	0.38	0.16	0.16	1.00	0.02	0.48	16
AVERAGE	10568.	20.3	9.8	5.5	395	15	8.7	610	1.13	0.89	0.53	1.60	0.15	1.08	38
MEDIAN	1270.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- SYDENHAM RIVER

STREAM MILEAGE- S 2.8

LOCATION CODE: 04-0027-02-001

STREAM- SYDENHAM RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO.40 - LEFT

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1450			15.0	8.5	2.4		9	4.5	349	0.70	0.64	0.60	1.10	0.01	0.00	25	150	120	0.25	7.7
5 12 65		4600.		1.0	11.0	0.6		25	29.0	540	0.48	0.36	0.21	1.40	0.01	3.20	32				
7 2 66		188.		0.0	12.0	1.2	220	15	4.0	295	0.12	0.11	0.03	0.13	0.00	0.40	29				
14 3 66		7000.		3.0	10.0	2.0	440	113	42.0	450	0.55	0.16	0.15	1.40	0.01	4.25	18	230	125	4.85	7.9
26 4 66		8100.		10.0	8.0	2.4	460	126	84.0	466	0.54	0.04	0.23	2.30	0.02	2.60	19				
27 5 66		15000.		22.0	10.0	2.8	386	15			0.20	0.08	0.16	0.84	0.01	0.50	25				
30 6 66		410.		28.0	9.0	2.3	326	15	5.0	495	0.30	0.22	0.40	0.90	0.06	2.50	22				
5 8 66		12000.		24.0	7.0	1.4	240	16	12.5	385	0.32	0.18	0.46	1.10	0.01	0.00	20				
16 8 66		780000.		23.0	7.0	13.2	280	24	23.0	393	0.74	0.04	0.05	1.95	0.02	0.00	20				
13 9 66		7000.		23.0	7.0																

NO. SAMPLES	9	10	10	9	7	9	8	8	9	9	9	9	9	9	9	2	2	2	2
MAXIMUM	780000.	28.0	12.0	13.2	460	126	84.0	540	0.74	0.64	0.60	2.30	0.06	4.25	32	230	125	4.85	7.9
MINIMUM	188.	0.0	7.0	0.6	220	9	4.0	295	0.12	0.04	0.03	0.13	0.00	0.00	18	150	120	0.25	7.7
AVERAGE	92700.	14.9	8.9	3.1	336	39	25.5	421	0.44	0.20	0.25	1.24	0.02	1.49	23	190	122	2.55	7.8
MEDIAN	7000.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- SYDENHAM RIVER

STREAM MILEAGE- S 2.8

LOCATION CODE: 04-0027-02-002

STREAM- SYDENHAM RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO.40 - RIGHT

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1445			15.0	9.0	2.2		7	6.5	350	0.78	0.74	0.66	1.05	0.01	0.00	25	156	124	0.21	7.7
5 12 65		3500.		1.0		1.2		18	29.0	540	0.36	0.28	0.26	1.00	0.01	3.20	32				
7 2 66		38.		0.0	12.0	2.2	228	15	4.5	295	0.14	0.09	0.12	0.33	0.00	0.40	23				
14 3 66		8000.		3.0	10.0	2.4	442	104	45.0	454	0.66	0.24	0.15	1.20	0.01	5.00	17	230	127	4.45	7.8
26 4 66		12000.		10.0	8.0	2.4	506	138	87.0		0.62	0.06	0.16	1.30	0.02	3.00	70				
27 5 66		12000.		22.0	10.0	2.8	416	11			0.24	0.08	0.23	0.78	0.02	0.40	23				
30 6 66		280.		28.0	9.0	2.9	330	15	7.5	495	0.24	0.18	0.26	1.15	0.07	2.50	21				
5 8 66		4400.		24.0	8.0	1.4	238	20	11.5	380	0.36	0.18	0.56	1.10	0.01	0.00	22				
16 8 66		670000.		23.5	0.6	31.0	258	17	38.0	391	0.74	0.08	0.02	2.00	0.01	0.00	21				
13 9 66		330000.		23.0	7.5																

NO. SAMPLES	9	10	9	9	7	9	8	7	9	9	9	9	9	9	9	2	2	2	2
MAXIMUM	670000.	28.0	12.0	31.0	506	138	87.0	540	0.78	0.74	0.66	2.00	0.07	5.00	70	230	127	4.45	7.8
MINIMUM	38.	0.0	0.6	1.2	228	7	4.5	295	0.14	0.06	0.02	0.33	0.00	0.00	17	156	124	0.21	7.7
AVERAGE	115580.	14.9	8.2	5.4	345	38	28.6	415	0.46	0.21	0.27	1.10	0.02	1.61	28	193	125	2.33	7.7
MEDIAN	8000.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- SYDENHAM RIVER

STREAM MILEAGE- NB 41.6

LOCATION CODE: 04-0027-02-003

STREAM- BEAR CREEK

SAMPLE POINT DESCRIPTION- SIDE ROAD, TOWN OF PETROLIA

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	1945	17000.		15.5	15.0	11.0		45	29.0	2900	2.40	2.10	0.78	2.60	0.05	0.00	88	766	140	1.10	8.1
5 12 65		6500.		0.5	12.0	1.2		17	20.0	680		0.24	0.24	0.91	0.01	3.20	65				
7 2 66		11400.		0.4	10.0	2.6	1166	16	7.5		0.60	0.22	0.66	1.00	0.01	0.50	302				
14 3 66		6000.		3.5	9.0	2.4	406	75	42.0	460	0.44	0.21	0.06	1.00	0.02	4.00	320	224	137	3.40	7.9
26 4 66		18000.		11.5	10.0	2.8	440	102	11.5	466	0.44	0.04	0.20	1.90	0.02	1.25	340				
27 5 66		170000.		20.0	11.0	5.0	642	145	59.0		0.80	0.12	0.18	1.20	0.03	0.50	80				
5 6 66		50000.		23.5	9.0	5.6	1986	62	24.0	2740	1.00	0.90	0.39	2.20	0.06	0.00	658				
30 6 66		77000.		24.0	10.0	15.0	864	64	45.0	1150	1.08	0.68	0.66	1.45	0.00	0.10	175				
13 9 66		140000.		19.5	4.0	8.0	1102	72	42.0	1519	1.22	0.88	1.00	1.80	0.05	0.04	24				

NO. SAMPLES	9	9	9	9	7	9	9	7	8	9	9	9	9	9	9	2	2	2	2
MAXIMUM	170000.	24.0	15.0	15.0	1986	145	59.0	2900	2.40	2.10	1.00	2.60	0.06	4.00	658	766	140	3.40	8.1
MINIMUM	6000.	0.4	4.0	1.2	406	16	7.5	460	0.44	0.04	0.06	0.91	0.00	0.00	24	224	137	1.10	7.9
AVERAGE	55100.	13.2	10.0	6.0	943	66	31.1	1416	1.00	0.60	0.46	1.56	0.03	1.07	228	495	138	2.25	8.0
MEDIAN	18000.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- FRENCHMANS CR.

STREAM MILEAGE- FR

LOCATION CODE: 05-0003-02-001

STREAM- FRENCHMANS CR.

SAMPLE POINT DESCRIPTION- NIAGARA BLVD., TWP. OF BERTIE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	870.		9.0	7.0	1.4	674	62	39.0		0.40	0.24	0.12	1.00	0.02	0.50	46	412	145	1.11	7.7
5 1 66	800.		1.0	11.0	1.6	604	3	27.0		0.42	0.09	0.13	0.71	0.00	0.50	34				
7 3 66	340.		0.0	11.0	2.0	456	34	13.0		0.34	0.16	0.00	1.10	0.00	0.75		270		2.45	7.7
11 5 66	56.		7.0	12.0	1.0	360	16	2.3	502	0.18	0.01	0.13	0.33	0.00	0.00	34	220	109	0.43	8.0
24 5 66	80.		16.0	12.0	1.8	384	15		590	0.18	0.06	0.06	0.46	0.00	0.80	39				
6 6 66	5000.		20.0	7.0	2.6	534	17			0.28			0.78			34				
27 6 66	380.		27.0	9.0	5.1	1326	48	24.0	1470	0.62	0.14	0.23	1.60	0.00	0.00	62				
18 7 66	880.		23.0	6.0	1.1		3	23.0	338	0.04	0.01	0.02	0.46	0.15	0.00	28	132	100	0.25	8.1
8 8 66	3500.		21.0	7.0	1.0	188	8	1.5	324	0.08	0.02		0.26	0.01	0.00	28				
17 8 66	320.		23.0	10.0	2.2	292	19	9.0	390	0.14	0.02	0.06	1.00	0.00	0.00	29				
16 9 66	1000.		17.0	8.0	1.1	624	8	9.0	964	0.12	0.04	0.02	0.55	0.01	0.00	42				

NO. SAMPLES	11	11	11	11	10	11	9	7	11	10	9	11	10	10	10	4	3	4	4
MAXIMUM	5000.	27.0	12.0	5.1	1326	62	39.0	1470	0.62	0.24	0.23	1.60	0.15	0.80	62	412	145	2.45	8.1
MINIMUM	56.	0.0	6.0	1.0	188	3	1.5	324	0.04	0.01	0.00	0.26	0.00	0.00	28	132	100	0.25	7.7
AVERAGE	1202.	14.9	9.1	1.9	544	21	16.4	654	0.25	0.08	0.09	0.75	0.02	0.25	37	258	118	1.06	7.9
MEDIAN	800.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MILLERS CREEK

STREAM MILEAGE- M 0.1

LOCATION CODE: 05-0004-02-001

STREAM- MILLERS CREEK

SAMPLE POINT DESCRIPTION- NIAGARA BLVD. TWP. OF WILLOUGHBY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		410.		8.0	9.0	2.4	444	65	56.0	490	0.60	0.20	0.05	1.10	0.01	0.32	32	246	125	2.26	7.6
5 1 66		11000.		0.6	11.0	1.7	320	15	31.0			0.11	0.20	0.60	0.00	0.34	26				
7 3 66		210.		0.0	10.0	3.0	510	23	17.0	706	0.32	0.18	0.00	0.40	0.00	0.00	40	300	106	1.77	7.5
11 5 66		310.		7.0	10.0	2.6	206	15	10.5	330	0.06	0.01	0.10	0.40	0.00	0.00	38	130	93	0.40	8.1
24 5 66		600.		14.5	13.0	1.2	240	15	10.0	377	0.16	0.04	0.38	0.40	0.00	0.10	31				
16 6 66		4800.		20.0	7.0	2.6	220	15	11.5		0.22			0.84			30				
23 6 66		12.		23.5	7.0	1.5	300	29	24.0		0.28	0.12	0.12	0.52	0.01	0.00	36				
18 7 66		1490.		23.0	7.0	0.8		10	8.0	340	0.12	0.01	0.05	0.40	0.02	0.00	27	128	101	0.55	8.1
8 8 66		3800.		21.5	7.0	1.6	200	13	3.6	318	0.20	0.08	0.33		0.01	0.00	28				
17 8 66		200.		23.5	10.0	1.6	232	13	11.5	433	0.10	0.01	0.05	1.10	0.00	0.00	29				
16 9 66		144.		16.0	7.0	1.0	196	6	4.0	353	0.20	0.14	0.05		0.03	0.00	30				

NO. SAMPLES	11	11	11	11	10	11	11	8	10	10	10	9	10	10	11	4	4	4	4
MAXIMUM	11000.	23.5	13.0	3.0	510	65	56.0	706	0.60	0.20	0.38	1.10	0.03	0.34	40	300	125	2.26	8.1
MINIMUM	12.	0.0	7.0	0.8	196	6	3.6	318	0.06	0.01	0.00	0.40	0.00	0.00	26	128	93	0.40	7.5
AVERAGE	2089.	14.3	8.9	1.8	286	19	17.0	418	0.23	0.09	0.13	0.64	0.01	0.08	31	201	106	1.24	7.8
MEDIAN	410.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- BAKERS CREEK

STREAM MILEAGE- BK 0.1

LOCATION CODE: 05-0005-02-001

STREAM- BAKERS CREEK

SAMPLE POINT DESCRIPTION- NIAGARA BLVD, TWP. OF WILLOUGHBY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		150.		9.0	6.5	2.8	274	47	36.0	310	0.70	0.20	0.13	1.20	0.01	0.00	24	154	95	1.56	7.7
5 1 66		520.		1.3	9.8	0.5	178	15	32.0				0.05	0.71	0.00	0.00	9				
7 3 66		20.		0.0	6.0	2.4	130	18	10.5		0.32	0.30	0.00	0.58	0.00	0.00		70	24	2.22	7.0
10 5 66		730.		6.0	10.0	2.6	204	15	0.0	316	0.08	0.03	0.12	0.33	0.00	0.00	37	120	94	0.47	8.0
24 5 66		1500.		17.0	12.0	1.2	172	15	13.0	320	0.22	0.06	0.20	0.46	0.00	0.70	23				
16 6 66		1700.		20.0	7.0	2.1	218	15	6.0		0.18			0.71			25				
23 6 66		4.		22.0	7.0	1.3	192	15	6.5		0.18	0.08	0.12	0.26	0.01	0.00	46				
18 7 66		1570.		23.0	6.0	0.9		20	11.5	329	0.14	0.10	0.10	0.78	0.00	0.15	27	128	101	0.74	7.9
8 8 66		1500.		21.0	7.0	0.9	184	11	3.5	315	0.10	0.02	0.12		0.01	0.00	28				
17 8 66		1060.		23.0	9.0	1.4	228	18	18.0	324	0.18	0.02	0.06	1.10	0.00	0.00	28				
16 9 66		200.		18.0	9.0	1.7	180	13	6.5	379	0.34	0.18	0.03	0.33	0.00	0.00	30				

NO. SAMPLES	11	11	11	11	10	11	11	7	10	9	10	10	10	10	10	4	4	4	4
MAXIMUM	1700.	23.0	12.0	2.8	274	47	36.0	379	0.70	0.30	0.20	1.20	0.01	0.70	46	154	101	2.22	8.0
MINIMUM	4.	0.0	6.0	0.5	130	11	0.0	310	0.08	0.02	0.00	0.26	0.00	0.00	9	70	24	0.47	7.0
AVERAGE	814.	14.6	8.1	1.6	196	18	13.0	327	0.24	0.11	0.09	0.65	0.00	0.08	27	118	78	1.25	7.6
MEDIAN	730.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- BLACK CREEK

STREAM MILEAGE- 8 0.1

LOCATION CODE: 05-0006-02-001

STREAM- BLACK CREEK

SAMPLE POINT DESCRIPTION- NIAGARA BLVD.,TWP OF WILLOUGHBY

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	470.		10.0	8.5	2.0	216	17	23.0	320	0.60	0.10	0.05	0.65	0.01	0.00	26	154	90	1.20	7.9
5 1 66	850.		1.1	9.6	3.2	352	15	50.0		0.52	0.24	0.20	1.20	0.00	0.30	13				
7 3 66	450.		0.0	9.0	1.6	218	26	3.6	258	0.54	0.24	0.00	1.10	0.01	0.50	9	120	44	12.20	7.3
11 5 66	580.		7.5	12.0	2.1	196	15	4.0	321	0.08	0.01	0.00	0.40	0.00	0.00	36	130	96	0.43	8.3
24 5 66	6700.		17.0	10.0	1.8	318	41	53.0	423	0.42	0.12	0.16	1.05	0.00	0.80	27				
16 6 66	3100.		20.0	8.0	2.1	224	15			0.24			0.84			29				
23 6 66	110.		24.0	9.0	1.6	214	15	13.5	395	0.14	0.02	0.15	0.84	0.00	0.00	31				
18 7 66	440.		23.0	6.0	0.5		14	9.5	329	0.10	0.02	0.03	0.26	0.00	0.20	29	126	100	0.85	8.0
8 8 66	410.		21.5	7.0	3.9	202	22	9.0	319	0.20	0.08	0.10	0.26	0.00	0.00	28				
17 8 66	140.		24.0	10.0	1.2	216	33	13.5	317	0.14	0.01	0.03	0.84	0.00	0.00	29				
16 9 66	2700.		17.0	8.0	0.7	208	10	6.0	374	0.10	0.01	0.03		0.02	0.00	29				

NO.SAMPLES	11	11	11	11	10	11	10	9	11	10	10	10	10	10	11	4	4	4	4
MAXIMUM	6700.	24.0	12.0	3.9	352	41	53.0	423	0.60	0.24	0.20	1.20	0.02	0.80	36	154	100	12.20	8.3
MINIMUM	110.	0.0	6.0	0.5	196	10	3.6	258	0.08	0.01	0.00	0.26	0.00	0.00	9	120	44	0.43	7.3
AVERAGE	1450.	15.0	8.8	1.9	236	20	18.5	339	0.28	0.08	0.07	0.74	0.00	0.18	26	132	82	3.67	7.9
MEDIAN	470.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- USSHERS CREEK

STREAM MILEAGE- U

LOCATION CODE: 05-0009-02-001

STREAM- USSHERS CREEK

SAMPLE POINT DESCRIPTION- NIAGARA P.W., WILLOUGHBY TWP.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		540.		7.0	7.0	2.0	414	25	38.0	360	0.60	0.30	0.26	1.60	0.00	1.50	29	160	51	1.84	7.5
5 1 66		130.		0.4	10.0	1.2	204	15	32.0		0.40	0.16	0.10	1.10	0.00	0.50	12				
7 3 66		40.		0.2	6.0	1.8	198	17	26.0	153	0.38	0.18	0.00	1.20	0.00	0.50	10	60	27	3.70	7.2
11 5 66		330.		15.0	12.0	2.2	188	15	7.5	308	0.12	0.03	0.00	0.40	0.01	0.00	35	130	94	0.40	8.3
24 5 66		970.		8.0	12.0	1.8	142	15	7.5	310	0.18	0.02	0.13	0.65	0.00	0.60	29				
16 6 66		2900.		20.0	8.0	2.3	208	15			0.13			1.10			29				
23 6 66		310.		22.0	10.0	1.3	206	15	3.3		0.10	0.10	0.12	0.33	0.00	0.00	33				
18 7 66		390.		22.5	7.0	0.6		11	6.5	331	0.10	0.02	0.12	0.26	0.01	0.10	28	126	99	0.65	8.2
8 8 66		630.		22.0	8.0	3.7	226	38	20.0	321	0.36	0.12	0.02	0.33	0.02	0.00	28				
17 8 66		610.		23.0	9.0	0.8	218	14	11.0	327	0.10	0.01	0.06	1.00	0.00	0.00	29				
16 9 66		57000.		18.0	9.0	1.2	248		7.0	344	0.22	0.08	0.30	0.40	0.00	0.00	28				

NO. SAMPLES	11	11	11	11	10	10	10	8	11	10	10	11	10	10	11	4	4	4	4
MAXIMUM	57000.	23.0	12.0	3.7	414	38	38.0	360	0.60	0.30	0.30	1.60	0.02	1.50	35	160	99	3.70	8.3
MINIMUM	40.	0.2	6.0	0.6	142	11	3.3	153	0.10	0.01	0.00	0.26	0.00	0.00	10	60	27	0.40	7.2
AVERAGE	5805.	14.4	8.9	1.7	225	18	15.9	306	0.24	0.10	0.11	0.76	0.00	0.32	26	119	67	1.65	7.8
MEDIAN	540.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- WELLAND RIVER

STREAM MILEAGE- PW 9.2

LOCATION CODE: 05-0010-02-002

STREAM- WELLAND RIVER

SAMPLE POINT DESCRIPTION- MONTROSE BRIDGE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65		450.		8.0	6.5																
6 1 66		3500.		1.1	11.0	2.4	264	43	32.0		1.18	1.14	5.60	8.60	0.01	1.70	19				
11 5 66		400.		9.5	12.0	2.5	200	15	4.0	332	0.10	0.01	0.06	0.46	0.00	0.07	33	130	93	0.27	8.3
24 5 66		3000.		17.0	8.0	2.8	222	15		402	0.54	0.40	2.62	4.80	0.02	0.40	27				
16 6 66		30.		23.0	7.0	9.2	368	15	13.0		7.40		8.20	85.80			47				
23 6 66		20.		25.5	8.0	2.8	278	17	12.0	453	1.76	1.74	9.02	24.00	0.10	2.00	37				
8 8 66		710.		22.0	8.0	1.2	198	36	3.1	335	0.18			0.77	0.01	0.00	28				
29 8 66		16.		24.0	6.0	4.4	298	15	9.0	456	0.58	0.40	9.84	19.70	0.18	0.50	39				

NO. SAMPLES	8	8	8	7	7	7	6	5	7	5	6	7	6	6	7	1	1	1	1
MAXIMUM	3500.	25.5	12.0	9.2	368	43	32.0	456	7.40	1.74	9.84	85.80	0.18	2.00	47	130	93	0.27	8.3
MINIMUM	16.	1.1	6.0	1.2	198	15	3.1	332	0.10	0.01	0.06	0.46	0.00	0.00	19	130	93	0.27	8.3
AVERAGE	1016.	16.3	8.3	3.6	261	22	12.2	395	1.68	0.74	5.89	20.59	0.05	0.78	32	130	93	0.27	8.3
MEDIAN	425.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- WELLAND RIVER

STREAM MILEAGE- PW 14.6

LOCATION CODE: 05-0010-02-003

STREAM- WELLAND RIVER

SAMPLE POINT DESCRIPTION- PT. ROBINSON BRIDGE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	580.		8.0	10.0	0.6	98	25	16.0	280	0.16	0.16	0.08	0.40	0.00	0.00	26	136	99	0.50	8.3
5 1 66	7000.		1.2	10.9	1.4	274	52	43.0		0.68	0.29	0.24	1.20	0.01	1.25	14				
7 3 66	100.		0.2	11.0	4.4	324	133	65.0	334	0.42	0.39	0.00	0.40	0.00	0.00	27	150	109	4.10	8.3
11 5 66	6100.		13.0	12.0	2.8	274	73	85.0	357	0.78	0.48	0.06	1.30	0.02	0.40	25	150	100	3.60	8.1
24 5 66	43000.		17.0	8.0	2.2	260	34	26.0	377	0.82	0.10	0.66	1.40	0.01	0.60	29				
16 6 66	27000.		22.0	8.0	3.9	244	20	26.0		0.70		0.50	1.65	0.03		32				
23 6 66	118000.		25.0	9.0	7.3	282	15		383	0.40	0.18	0.46	1.80	0.04	0.25	33				
8 8 66	570.		23.0	5.0	6.4	244	34	27.0	359	0.54	0.20	0.64	1.10	0.12	0.01	30				
29 8 66	13000.		23.0	5.0	5.6	272	15	9.5	379	0.32	0.10	0.62	1.65	0.04	0.50	30				

NO. SAMPLES	9	9	9	9	9	9	8	7	9	8	9	9	9	8	9	3	3	3	3
MAXIMUM	118000.	25.0	12.0	7.3	324	133	85.0	383	0.82	0.48	0.66	1.80	0.12	1.25	33	150	109	4.10	8.3
MINIMUM	100.	0.2	5.0	0.6	98	15	9.5	280	0.16	0.10	0.00	0.40	0.00	0.00	14	136	99	0.50	8.1
AVERAGE	23928.	14.7	8.8	3.8	252	44	37.2	352	0.54	0.24	0.36	1.21	0.03	0.38	27	145	102	2.73	8.2
MEDIAN	7000.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- ONE MILE CREEK

STREAM MILEAGE- 0 0.1

LOCATION CODE: 06-0001-02-001

STREAM- ONE MILE CREEK

SAMPLE POINT DESCRIPTION- NIAG.BLV.D., NIAGARA ON THE LAKE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT P04 PPM	SOL P04 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
13 10 65	21600.		9.0	7.0	4.4	516	59	31.0	620	1.70	0.70	1.05	2.40	0.02	0.00	36	190	258	3.50	7.4
4 1 66	420.		0.4	12.3	1.5	516	20	11.5		0.46		0.20	0.46	0.01	1.00					
7 3 66	1000.		0.0	11.0	0.2	470	15	3.1	694	0.52	0.44	0.13	0.84	0.01	1.50	29	350	218	0.29	8.0
10 5 66	1070.		4.5	4.5	2.4	496	15	8.0	771	1.16	0.88	0.00	0.33	0.01	0.08	43	370	275	0.52	8.0
24 5 66	104000.		23.0	8.0	1.4	562	103		728	2.78	1.34	0.30	1.80	0.03	0.00	43		263		8.1
15 6 66	101000.		30.0	8.0	5.1	470	15	9.0	689	2.48	2.40	1.12	2.60	0.08	0.10					
14 7 66	362000.		22.5	9.0	18.0		59	26.0		25.00	22.00	13.90	7.50	0.00	0.00	52				
3 8 66	1870000.		22.0	1.2	8.8	504	46	26.0	786	24.50	21.50	18.00	23.10	0.00	0.00	62				
29 8 66	7300.		20.0	0.5	3.4	422	24	13.5	562	8.20	5.60	1.64	2.95	0.77	0.08	48				

NO. SAMPLES	9	9	9	9	8	9	8	7	9	8	9	9	9	9	7	3	4	3	4
MAXIMUM	1870000.	30.0	12.3	18.0	562	103	31.0	786	25.00	22.00	18.00	23.10	0.77	1.50	62	370	275	3.50	8.1
MINIMUM	420.	0.0	0.5	0.2	422	15	3.1	562	0.46	0.44	0.00	0.33	0.00	0.00	29	190	218	0.29	7.4
AVERAGE	274266.	14.6	6.8	5.0	494	39	16.0	692	7.42	6.86	4.04	4.66	0.10	0.31	44	303	253	1.44	7.9
MEDIAN	21600.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- TWO MILE CREEK

STREAM MILEAGE- T 0.1

LOCATION CODE: 06-0002-02-001

STREAM- TWO MILE CREEK

SAMPLE POINT DESCRIPTION- LAKESHORE RD., NIAGARA TWP.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65		3300.		9.0	9.0	1.4	480	5	7.0	590	0.80	0.28	0.07	1.60	0.00	0.00	48	220	190	0.64	7.9
4 1 66		260.		7.0	7.0	4.6	628		38.0		0.30		0.00	0.71	0.01	4.80					
7 3 66		370.		0.0	10.0	1.2	614	60	13.0	790	0.48	0.22	0.05	1.10	0.02	5.00	41	390	173	2.20	8.0
10 5 66		610.		5.0	8.0	2.0	676	34	9.0	937	0.08	0.00	0.00	0.52	0.03	0.70	70	420	140	0.61	8.1
24 5 66		780.		21.0	9.0	1.2	628	15		890	0.28	0.10	0.06	0.84	0.00	0.00	71		128		8.4
15 6 66		4500.		20.0	11.0	1.6	692	15			0.28	0.28	0.16	0.84	0.03	0.20					
14 7 66		690.		22.0	10.0	3.8	646	30	23.0	23	1.48	1.00	0.39		0.01	0.00	67				

NO. SAMPLES	7	7	7	7	7	6	5	5	7	6	7	6	7	7	5	3	4	3	4
MAXIMUM	4500.	22.0	11.0	4.6	692	60	38.0	937	1.48	1.00	0.39	1.60	0.03	5.00	71	420	190	2.20	8.4
MINIMUM	260.	0.0	7.0	1.2	480	5	7.0	23	0.08	0.00	0.00	0.52	0.00	0.00	41	220	128	0.61	7.9
AVERAGE	1501.	12.0	9.1	2.3	623	26	18.0	646	0.53	0.31	0.10	0.93	0.01	1.53	59	343	157	1.15	8.1
MEDIAN	690.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- FOUR MILE CR.

STREAM MILEAGE- F 0.5

LOCATION CODE: 06-0003-02-001

STREAM- FOUR MILE CR.

SAMPLE POINT DESCRIPTION- LAKESHORE RD., TWP. OF NIAGARA

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65	2900.		7.0	7.0	2.2	690	25	9.5	820	0.60	0.50	0.23	1.60	0.01	0.02	96	350	226	2.56	8.0
4 1 66	34000.		1.8	11.5	1.2	630	34	43.0		0.48	0.28	0.26	1.00	0.02	2.60	65				
7 3 66	8000.		0.4	11.0	3.6	498	50	32.0	671	0.72	0.24	0.05	1.50	0.02	2.20	45	290	149	3.00	7.9
9 5 66	80.		12.0	11.0	1.6	720	15	8.0	1030	0.18	0.14	0.12	1.06	0.02	0.55	90	420	194	0.49	8.3
24 5 66	510.		21.0	10.0		674			1070	0.32	0.14	0.12	0.84	0.01	0.00	95		191		8.2
15 6 66	182.		20.0	6.0	2.7	690				0.32	0.32	0.13	1.20	0.15	0.60					
14 7 66	114.		25.0	7.0	3.4	756	22	13.0		0.56	0.28	0.08		0.00	0.00	107				
3 8 66	500.		23.0	6.0	2.9	554	17	9.5	791	0.46	0.16	0.38	1.00	0.00	0.00	74				
29 8 66	570.		23.0	7.0	2.6	480	17	12.5	705	0.22	0.12	0.02	1.65	0.00	0.05	56				

NO.SAMPLES	9	9	9	8	9	7	7	6	9	9	9	8	9	9	8	3	4	3	4
MAXIMUM	34000.	25.0	11.5	3.6	756	50	43.0	1070	0.72	0.50	0.38	1.65	0.15	2.60	107	420	226	3.00	8.3
MINIMUM	80.	0.4	6.0	1.2	480	15	8.0	671	0.18	0.12	0.02	0.84	0.00	0.00	45	290	149	0.49	7.9
AVERAGE	5206.	14.8	8.5	2.5	632	25	18.2	847	0.43	0.24	0.15	1.23	0.03	0.67	78	353	190	2.02	8.1
MEDIAN	510.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- FOUR MILE CR.

STREAM MILEAGE- F 4.6

LOCATION CODE: 06-0003-02-002

STREAM- FOUR MILE CR.

SAMPLE POINT DESCRIPTION- THIRD LINE RD., TWP. OF NIAGARA

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65	6500.		9.0	5.5	3.3	794	42	21.0	1020	1.40	0.80	0.12	1.50	0.05	0.00	127	440	316	1.90	8.0
4 1 66	5700.		0.9	9.2	1.2	762	48	45.0		0.64	0.30	0.33	1.10	0.02	1.20	95				
7 3 66	1100.		0.0	8.0	9.2	566	72	32.0	726	0.88	0.32	0.00	1.80	0.30	0.30	60	320	183	2.80	7.8
10 5 66	22000.		7.0	11.0	2.4	660	27	6.5	1010	0.08	0.00	0.12	1.04	0.02	0.50	105	400	174	0.48	8.2
24 5 66	64000.		24.0	10.0	1.6	720	60		1020	0.42	0.16	0.18	1.10	0.00	0.00	112		180		8.1
15 6 66	36000.		21.0	6.0	3.8	782	28	39.0	1061	0.26	0.26	0.60	1.80	0.12	0.50					
14 7 66	124.		24.0	9.0	2.7	688	35	31.0		0.52	0.39	0.03	0.26	0.03	0.00	67				
3 8 66	330.		22.0	6.0	2.4	732	22	16.0	1040	0.50	0.50	0.42	1.30	0.01	0.00	126				
29 8 66	700.		22.5	9.0	6.8	816	53	13.5	1052	1.20	0.18	0.05	1.30	0.00	0.05	88				

NO. SAMPLES	9	9	9	9	9	9	8	7	9	9	9	9	9	9	8	3	4	3	4
MAXIMUM	64000.	24.0	11.0	9.2	816	72	45.0	1061	1.40	0.80	0.60	1.80	0.30	1.20	127	440	316	2.80	8.2
MINIMUM	124.	0.0	5.5	1.2	566	22	6.5	726	0.08	0.00	0.00	0.26	0.00	0.00	60	320	174	0.48	7.8
AVERAGE	15162.	14.5	8.2	3.7	724	43	25.5	989	0.66	0.32	0.21	1.24	0.06	0.28	97	386	213	1.73	8.0
MEDIAN	5700.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- FOUR MILE CR.

STREAM MILEAGE- F 7.0

LOCATION CODE: 06-0003-02-003

STREAM- FOUR MILE CR.

SAMPLE POINT DESCRIPTION- SEVENTH LINE RD., TWP. OF NIAGARA

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65	203000.		10.0	4.5	122.0	1004	60	11.0	1190	1.20	0.40	0.13	1.80	0.00	0.00	146	470	354	3.05	7.0
3 11 65					420.0	1198	24													
4 1 66	15000.		1.0	11.0	1.8	886	30	13.0		1.24	0.84	0.23	1.80	0.02	1.20	111				
7 3 66	10000.		0.3	12.0	4.8	752	76	13.5	1033	0.20	0.46	0.00	0.78	0.01	0.00	107	410	232	2.20	7.7
10 5 66	570.		5.0	12.0	2.0	768	15	13.5	1090	0.20	0.06	0.00	0.78	0.02	1.00	107	460	244	0.50	8.3
24 5 66	7700.		24.0	10.0	1.6			1.0	800		0.40	0.00	2.60	0.04	0.44	77		193		8.6
15 6 66	910000.		24.0	8.0	3.4	820	51			0.24	0.24	0.03	1.10	0.07	0.75			274		8.1
14 7 66	510.		23.0	12.0	2.8	692				0.64	0.58	0.02		0.01	0.00	69		253		
8 8 66	1500.		22.0	8.0	2.1	1074	33	32.0	1433	0.54	0.30	0.02	0.91	0.00	0.00	240		242		8.4
29 8 66			24.0	13.0	0.4	662	15	8.5	1408	0.30	0.22	0.16	1.00	0.01	0.25	69		216		8.0

NO. SAMPLES	8	9	9	10	9	8	7	6	8	9	9	8	9	9	8	3	8	3	7
MAXIMUM	910000.	24.0	13.0	420.0	1198	76	32.0	1433	1.24	0.84	0.23	2.60	0.07	1.20	240	470	354	3.05	8.6
MINIMUM	510.	0.3	4.5	0.4	662	15	1.0	800	0.20	0.06	0.00	0.78	0.00	0.00	69	410	193	0.50	7.0
AVERAGE	143535.	14.8	10.1	56.1	872	38	13.2	1159	0.57	0.39	0.07	1.35	0.02	0.40	115	446	251	1.92	8.0
MEDIAN	8850.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- FOUR MILE CR.

STREAM MILEAGE- F 9.2

LOCATION CODE: 06-0003-02-004

STREAM- FOUR MILE CR.

SAMPLE POINT DESCRIPTION- DOWNSTREAM FROM ST.DAVIDS

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13	10	65																			
4	1	66																			
7	3	66																			
10	5	66																			
25	5	66																			
16	6	66																			
14	7	66																			
8	8	66																			
29	8	66																			

NO. SAMPLES	9	9	9	9	9	9	9	8	6	9	8	8	8	9	9	7	3	6	3	7
MAXIMUM	2130000.	65.0	23.0	10.8	20.0	795	144	53.0	1100	1.80	0.96	0.83	2.50	0.20	1.60	94	450	278	1.38	8.5
MINIMUM	4300.	0.0	0.2	2.8	1.9	602	15	3.8	661	0.30	0.00	0.00	0.46	0.00	0.00	45	430	196	0.10	7.5
AVERAGE	398700.	9.8	15.0	7.8	7.0	695	48	24.5	912	0.82	0.36	0.18	1.27	0.04	0.66	67	443	248	0.66	8.0
MEDIAN	147000.																			
MAXIMUM KILOTONS/YEAR					0.64	0.13	45.	1.0		0.019	0.016	0.014	0.05	0.001	0.096	4.42	29.	15.	0.031	
MINIMUM KILOTONS/YEAR					0.00	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.02	0.	0.	0.000	
AVERAGE KILOTONS/YEAR					0.15	0.03	10.	0.3		0.007	0.007	0.004	0.01	0.000	0.021	0.96	10.	4.	0.011	

RIVER BASIN- SIX MILE CREEK

STREAM MILEAGE- 5 0.8

LOCATION CODE: 06-0005-02-001

STREAM- SIX MILE CREEK

SAMPLE POINT DESCRIPTION- LAKESHORE RD., TWP. OF NIAGARA

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP. SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65		75000.		8.5	6.5	34.0	1210	25	21.0	1550	3.00	2.00	8.20	16.00	0.40	0.00	287	490	246	0.51	8.0
4 1 66		1170.		2.3	10.9	2.6	932	28	13.5		0.72	0.48	1.64	2.60	0.01	0.60	178				
7 3 66		8260.		0.2	10.0	1.2	576	44	34.0	797	0.48	0.24	0.43	1.40	0.01	1.00	91	310	146	1.85	8.1
11 5 66		900.		23.0	14.0	1.8	874	15	8.0	1260	0.20	0.16	0.06	0.78	0.01	0.00	54	450	190	0.42	8.6
24 5 66		420.		12.5	13.0	1.4				1140	0.31	0.14	0.18	1.00	0.00		83		116		9.0
15 6 66		41000.		22.0	15.0	2.7	814	15			0.24	0.24	0.20	1.20	0.08	0.00					
14 7 66		10700.		22.0	12.0	1.1	764	19	2.5		0.70	0.58	0.13		0.01	0.00					
3 8 66		7800.		22.0	4.0	2.8	850	18	6.5	1295	0.40	0.22	0.33	1.70	0.00	0.00	116				
29 8 66		114000.		21.5	5.5	3.6	830	5	4.0	1247	1.52	1.50	0.53	1.65	0.00	0.05	129				

NO. SAMPLES	9	9	9	8	8	7	6	9	9	9	8	9	8	7	3	4	3	4	
MAXIMUM	114000.	23.0	15.0	34.0	1210	44	34.0	1550	3.00	2.00	8.20	16.00	0.40	1.00	287	490	246	1.85	9.0
MINIMUM	420.	0.2	4.0	1.1	576	5	2.5	797	0.20	0.14	0.06	0.78	0.00	0.00	54	310	116	0.42	8.0
AVERAGE	28806.	14.9	10.1	5.7	856	21	12.8	1214	0.84	0.62	1.30	3.29	0.06	0.21	134	416	174	0.93	8.4
MEDIAN	8260.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- EIGHT MILE CR.

STREAM MILEAGE- E 1.0

LOCATION CODE: 06-0010-02-001

STREAM- EIGHT MILE CR.

SAMPLE POINT DESCRIPTION- LAKESHORE RD., TWP OF NIAGARA

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24 5 66		0.												

NO. SAMPLES

1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR



RIVER BASIN- WELLAND RIVER

STREAM MILEAGE- SC 2.0

LOCATION CODE: 06-0014-02-001

STREAM- WELLAND SHIP C

SAMPLE POINT DESCRIPTION- WEIR BELOW LAKESHORE ROAD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB	
13	10	65		570.	14.0	10.0	1.2	226	30	34.0	280	0.40	0.20	0.00	0.33	0.00	0.00	27	140	104	1.00	8.6
11	5	66		310.	7.0	13.0	2.4	326	87	90.0		0.32	0.06	0.00	3.30	0.00	0.00	25	130	97	2.80	8.3
24	5	66		160.	15.0	12.0	0.8			358	0.22	0.06	0.00	0.64	0.02		38		101		8.4	
15	6	66		1400.	22.0	10.0	2.4	286	54		0.24	0.24	0.02	0.33	0.00	0.00						
14	7	66		110.	23.0	11.0	1.6	290	40	31.0	0.18	0.10	0.12	0.33	0.01	0.00						
4	8	66		400.	23.0	8.0	1.6	290	39	42.0	356	0.12	0.08	0.16	1.30	0.00	0.10	30				
29	8	66		500.	23.0	9.0	3.0	254	21	31.0	338	0.12	0.10	0.08	0.86	0.00	0.00	30				

NO. SAMPLES	7	7	7	7	6	6	5	4	7	7	7	7	7	6	5	2	3	2	3
MAXIMUM	1400.	23.0	13.0	3.0	326	87	90.0	358	0.40	0.24	0.16	3.30	0.02	0.10	38	140	104	2.80	8.6
MINIMUM	110.	7.0	8.0	0.8	226	21	31.0	280	0.12	0.06	0.00	0.33	0.00	0.00	25	130	97	1.00	8.3
AVERAGE	493.	18.1	10.4	1.9	278	45	45.6	333	0.23	0.12	0.05	1.01	0.00	0.02	30	135	100	1.90	8.4
MEDIAN	400.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- WELLAND RIVER

STREAM MILEAGE- SC 2.0

LOCATION CODE: 06-0014-02-001

STREAM- WELLAND SHIP C

SAMPLE POINT DESCRIPTION- WEIR BELOW LAKESHORE ROAD

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24 5 66		0.												
15 6 66		0.												
4 8 66		2.												
29 8 66		2.												

NO. SAMPLES	4
MAXIMUM	2.
MINIMUM	0.
AVERAGE	1.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- TWELVE MILE CR

STREAM MILEAGE- T 0.8

LOCATION CODE: 06-0017-02-001

STREAM- TWELVE MILE CR

SAMPLE POINT DESCRIPTION- LAKEPORT RD., ST. CATHERINES

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65	73000.		11.7	9.5	3.8	254	18	6.5	345	0.28	0.08	0.00	0.26	0.00	0.00	28	150	100	0.75	8.4
4 1 66	7600.		2.6	9.8	5.6	304	104	68.0		0.56	0.08	0.05	0.71	0.00	0.00	27				
7 3 66	1900.		0.0	12.0	3.8	460	222	71.0	372	0.80	0.18	0.05	1.16	0.02	0.00	26	160	115	8.00	7.8
11 5 66	5400.		9.0	9.0	4.4	268	40	48.0	358	0.24	0.08	0.00	9.90	0.00	0.08	26	140	106	1.26	7.8
24 5 66	51000.		15.0	9.0	2.0	258	44		352	0.22	0.04	0.00	0.33	0.00	0.00	28				
15 6 66	1400.		22.0	8.0	4.5	276	25		345	0.16	0.12	0.05	0.33	0.10	0.00	27				
14 7 66	150000.		24.0	9.0	3.2	264	18	27.0		0.16	0.02	0.10	0.33	0.00	0.00					
3 8 66	410000.		23.0	8.0	3.7	282	22	24.0	362	0.10	0.06		0.65	0.00	0.00	30				
29 8 66	53000.		23.0	6.0	3.8	276	19	10.5	365	0.18	0.02	0.02	1.00	0.00	0.05	40				

NO. SAMPLES	9	9	9	9	9	9	7	7	9	9	8	9	9	9	8	3	3	3	3
MAXIMUM	410000.	24.0	12.0	5.6	460	222	71.0	372	0.80	0.18	0.10	9.90	0.10	0.08	40	160	115	8.00	8.4
MINIMUM	1400.	0.0	6.0	2.0	254	18	6.5	345	0.10	0.02	0.00	0.26	0.00	0.00	26	140	100	0.75	7.8
AVERAGE	83700.	14.5	8.9	3.9	293	56	36.4	357	0.30	0.08	0.03	1.63	0.01	0.01	29	150	107	3.34	8.0
MEDIAN	51000.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TWELVE MILE CR      STREAM MILEAGE- T      0.8      LOCATION CODE: 06-0017-02-001

STREAM- TWELVE MILE CR      SAMPLE POINT DESCRIPTION- LAKEPORT RD.,ST.CATHERINES

DATE SAMPLED D   M   Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24   5   66		0.												

NO. SAMPLES	1
MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- FIFTEEN MI. CR.

STREAM MILEAGE- V 2.3

LOCATION CODE: 06-0019-02-001

STREAM- FIFTEEN MI. CR.

SAMPLE POINT DESCRIPTION- FOURTH AVE., TWP. OF LOUTH

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65	12000.	0.6	10.0	9.0	2.0	450	30	26.0	530	0.28	0.08	0.05	14.00	0.02	4.00	22	270	134	1.40	8.7
4 1 66	340.	25.0	0.0	9.8	1.6	270	20	31.0		0.52	0.18	0.10	1.00	0.00	0.40	16				
7 3 66	200.	94.5	0.2	10.0	2.0	244	24	40.0	226	0.56	0.26	0.12	1.10	0.01	1.00	10	110	61	4.40	7.9
11 5 66	300.	1.8	12.0	11.0	2.4	362	20	24.0	506	0.16	0.08	0.20	1.00	0.00	0.00	25	220	132	1.21	8.3
24 5 66	400.	4.6	20.0	10.0	1.8	406			515	0.46	0.18	0.06	1.00	0.00	0.00	27				
15 6 66	900.	1.2	24.0	10.0	2.4	490	27		628	0.24	0.24	0.03	1.10	0.00	0.00	26				
15 7 66	24.	0.0	24.0	9.0	6.5	114	5			0.40	0.06	0.03	1.60	0.00	0.08	70				
8 8 66	900.	0.0	22.0	7.0	1.8	644	25	39.0	825	0.26	0.02	0.31	1.45	0.00	0.00	74				
29 8 66	70.	0.0	20.0	8.0	3.2	518	23	6.0	652	0.22	0.08	0.06	0.26	0.00	0.05	56				

NO. SAMPLES	9	9	9	9	9	9	8	6	7	9	9	9	9	9	9	9	3	3	3	3
MAXIMUM	12000.	94.5	24.0	11.0	6.5	644	30	40.0	825	0.56	0.26	0.31	14.00	0.02	4.00	74	270	134	4.40	8.7
MINIMUM	24.	0.0	0.0	7.0	1.6	114	5	6.0	226	0.16	0.02	0.03	0.26	0.00	0.00	10	110	61	1.21	7.9
AVERAGE	1682.	14.2	14.7	9.3	2.6	388	21	27.7	554	0.34	0.13	0.11	2.50	0.00	0.61	36	200	109	2.34	8.3
MEDIAN	340.																			
MAXIMUM KILOTONS/YEAR					0.93	0.19	23.	2.2		0.052	0.024	0.011	0.10	0.001	0.093	0.93	10.	6.	0.410	
MINIMUM KILOTONS/YEAR					0.01	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.01	0.	0.	0.001	
AVERAGE KILOTONS/YEAR					0.21	0.04	5.	0.6		0.011	0.005	0.002	0.02	0.000	0.018	0.26	4.	2.	0.138	

RIVER BASIN- FIFTEEN MI. CR.

STREAM MILEAGE- V 2.3

LOCATION CODE: 06-0019-02-001

STREAM- FIFTEEN MI. CR.

SAMPLE POINT DESCRIPTION- FOURTH AVE., TWP. OF LOUTH

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24 5 66		0.												

NO. SAMPLES 1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	0.00000
MINIMUM KTONS/YR	0.00000
AVERAGE KTONS/YR	0.00000

RIVER BASIN- SIXTEEN M. CR.

STREAM MILEAGE- S 2.0

LOCATION CODE: 06-0020-02-001

STREAM- SIXTEEN M. CR.

SAMPLE POINT DESCRIPTION- FOURTH AVE., TWP. OF LOUTH

DATE SAMPLED			HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13	10	65		2900.		10.0	11.0	2.0	492	25	31.0	600	0.44	0.24	0.12	1.00	0.00	0.12	55	300	130	1.40	8.9
4	1	66		30000.		0.5	11.2																
7	3	66		200.		0.3	10.0	3.2	240	26	31.0	235	0.66	0.30	0.30	1.40	0.01	1.00	10	110	61	3.28	7.9
11	5	66		70.		12.0	11.0	2.0	316	15	16.0	444	0.16	0.07	0.20	1.30	0.00	0.08	17	190	125	0.56	7.9
24	5	66		260.		20.0	7.0	2.0	342	32		463	0.28	0.18	0.25	1.40	0.00	0.00	19				
15	6	66		1200.		24.0	10.0	3.4	460	25	598.0		0.20		0.03	1.10	0.00	0.00	26				
14	7	66		130.		25.0	6.0	3.3	542	14	12.0		0.22	0.06	0.05	1.00	0.00	0.00	47				
8	8	66		444.		24.5	6.0	2.0	666	60	45.0	750	0.44	0.02	0.26	1.70	0.02	0.00	50				

NO. SAMPLES	8	8	8	7	7	7	6	5	7	6	7	7	7	7	7	3	3	3	3
MAXIMUM	30000.	25.0	11.2	3.4	666	60	598.0	750	0.66	0.30	0.30	1.70	0.02	1.00	55	300	130	3.28	8.9
MINIMUM	70.	0.3	6.0	2.0	240	14	12.0	235	0.16	0.02	0.03	1.00	0.00	0.00	10	110	61	0.56	7.9
AVERAGE	4400.	14.5	9.0	2.6	436	28	122.2	498	0.34	0.14	0.17	1.27	0.00	0.17	32	200	105	1.75	8.2
MEDIAN	352.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- SIXTEEN M. CR.

STREAM MILEAGE- S 2.0

LOCATION CODE: 06-0020-02-001

STREAM- SIXTEEN M. CR.

SAMPLE POINT DESCRIPTION- FOURTH AVE., TWP. OF LOUTH

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO <sub>4</sub> PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24 5 66		0.												

NO. SAMPLES	1
MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	



RIVER BASIN- TWENTY MILE CR

STREAM MILEAGE- J 2.4

LOCATION CODE: 06-0024-02-001

STREAM- TWENTY MILE CR

SAMPLE POINT DESCRIPTION- 21ST STREET, LOUTH TWP.

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65	2100.	15.6	11.3	11.5	2.0	528	14	12.5	650	0.40	0.20	0.10	1.00	0.01	0.70	43	300	132	1.01	8.1
4 1 66	530.	117.8	0.4	12.4	1.6	306	19	53.0		0.48	0.19	0.13	1.10	0.01	2.60	16				
7 3 66	1000.	700.0	1.0	13.0	3.0	364	78	65.0		1.08	0.26	0.16	1.50	0.02	2.50	14	120	101	7.20	7.3
11 5 66	29.	18.9	9.5	12.0	2.6	396	35	29.0	554	0.16	0.05	0.00	0.90	0.01	0.70	20	250	143	1.30	8.5
24 5 66	260.	30.7	21.0	13.0	2.2	384	20		558	0.18	0.01	0.10	0.91	0.00	0.00	34				
15 6 66	1200.	6.7	24.0	12.0	1.6	558	15			0.10		0.03	0.91	0.00	0.00					
14 7 66	30.	0.0	25.0	11.0	2.1	742		2.6		0.08	0.04	0.10		0.00						
8 8 66	4900.	0.0	23.0	11.0	1.9	676	42	10.5	1019	0.40	0.08	0.33	1.04	0.00	0.16	116				
29 8 66	92.	0.0	23.0	11.0	3.6	896	15	5.0	1310	0.08	0.01	0.02	0.86	0.00	0.02	264				

NO. SAMPLES	9	9	9	9	9	9	8	7	5	9	8	9	8	9	8	7	3	3	3	3
MAXIMUM	4900.	700.0	25.0	13.0	3.6	896	78	65.0	1310	1.08	0.26	0.33	1.50	0.02	2.60	264	300	143	7.20	8.5
MINIMUM	29.	0.0	0.4	11.0	1.6	306	14	2.6	554	0.08	0.01	0.00	0.86	0.00	0.00	14	120	101	1.01	7.3
AVERAGE	1127.	98.9	15.4	11.9	2.3	538	29	25.4	818	0.33	0.10	0.11	1.03	0.01	0.83	72	223	125	3.17	8.0
MEDIAN	530.																			
MAXIMUM KILOTONS/YEAR					8.97	2.07	251.	53.8		0.745	0.179	0.110	1.03	0.014	1.725	9.66	83.	70.	4.967	
MINIMUM KILOTONS/YEAR					0.08	0.01	4.	0.1		0.001	0.000	0.000	0.01	0.000	0.000	0.37	5.	2.	0.016	
AVERAGE KILOTONS/YEAR					1.88	0.40	53.	9.6		0.136	0.041	0.022	0.20	0.003	0.342	2.72	31.	25.	1.669	

RIVER BASIN- TWENTY MILE CR

STREAM MILEAGE- J 2.4

LOCATION CODE: 06-0024-02-001

STREAM- TWENTY MILE CR

SAMPLE POINT DESCRIPTION- 21ST STREET, LOUTH TWP.

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24 5 66		0.												

NO. SAMPLES 1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	0.00000
MINIMUM KTONS/YR	0.00000
AVERAGE KTONS/YR	0.00000

RIVER BASIN- THIRTY MILE CR

STREAM MILEAGE- T 0.5

LOCATION CODE: 06-0033-02-001

STREAM- THIRTY MILE CR

SAMPLE POINT DESCRIPTION- QUEEN ELIZABETH HWY.

DATE SAMPLED	HOURLY	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13	10 65	9000.		11.8	11.0	1.7	624	22	4.0	810	0.16	0.08	0.10	0.71	0.05	1.10	95	360	182	0.71	7.8
3	1 66	3500.		2.4	11.0	2.0	222	18	11.0					0.71	0.00	0.75	16				
7	3 66	300.		0.5	12.0	4.0	234	72	20.0	258	0.34	0.22	0.03	1.00	0.02	1.00	10	140	71	2.03	7.9
9	5 66	330.		13.0	13.0	1.1	446	15	2.8	634	0.06	0.06	0.00	0.78	0.02	2.00	53	270	140	0.14	8.7
24	5 66	1010.		18.0	9.0	1.7				645	0.08	0.02	0.06	0.71	0.02	0.22	47				
15	6 66	432.		20.0	16.0	2.6	606	15			0.06		0.12	0.91	0.05	4.00					
14	7 66	90000.		20.0	11.0	13.0	642	20	13.0		18.50	0.16	0.20	2.50	0.20	3.20	97				
3	8 66	1900.		20.0	10.0	2.7	694	24	4.5	891	0.42	0.36	0.50	1.50	0.01	0.00	108				
29	8 66	5000.		20.0	8.0	4.8	1000	122	27.0	1210	0.66	0.16	0.02	1.00	0.00	0.20	203				

NO. SAMPLES	9	9	9	9	8	8	7	6	8	7	8	9	9	9	8	3	3	3	3
MAXIMUM	90000.	20.0	16.0	13.0	1000	122	27.0	1210	18.50	0.36	0.50	2.50	0.20	4.00	203	360	182	2.03	8.7
MINIMUM	300.	0.5	8.0	1.1	222	15	2.8	258	0.06	0.02	0.00	0.71	0.00	0.00	10	140	71	0.14	7.8
AVERAGE	12386.	14.0	11.2	3.7	558	38	11.8	741	2.53	0.15	0.13	1.09	0.04	1.39	78	256	131	0.96	8.1
MEDIAN	1900.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- THIRTY MILE CR

STREAM MILEAGE- T 0.5

LOCATION CODE: 06-0033-02-001

STREAM- THIRTY MILE CR

SAMPLE POINT DESCRIPTION- QUEEN ELIZABETH HWY.

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24 5 66		0.												

NO. SAMPLES	1
MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- FORTY MILE CR.

STREAM MILEAGE- FD 0.3

LOCATION CODE: 06-0038-02-001

STREAM- FORTY MILE CR.

SAMPLE POINT DESCRIPTION- DOWNSTREAM FROM TOWN OF GRIMSBY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65		9000000.	0.6	12.5	6.0	1.6	454	10	2.9	1410	5.20	4.10	0.40	2.70	1.00	0.50	196	580	130	0.45	7.1
3 1 66		5800.	22.0	1.9	10.5	3.2	260	47	38.0			0.80	0.74	2.10	0.02	0.75	18				
7 3 66		3500.	83.0	1.0	12.0	1.8	246	34	31.0	240	0.74	0.48	0.20	1.20	0.02	1.00	12	110	58	3.42	7.8
9 5 66		90000.	3.2	11.0	9.0	10.8	600	60	23.0	873	10.00	5.20	1.97	4.80	0.20	4.40	69	340	185	0.41	7.5
24 5 66		610000.	4.7	16.0	7.0	1.7				645	0.08	0.02	0.06	0.71	0.02	0.22	47				
15 6 66		230000.	1.3	22.0	7.0	9.6	678	36	13.5	896	9.20	8.80	0.60	4.00	0.40	5.00	79				
14 7 66		100000.	0.5	21.0	10.0	13.0	662	20	12.5		16.50	16.40	0.28	4.45	0.01	4.00	95				
8 8 66		39000.	0.6	21.0	7.0	6.2	576	18	29.0	899	26.00	20.40	3.68	7.30	0.01	1.75	96				
29 8 66		380000.	0.7	23.0	5.5	21.0	616	64	29.0	1340	24.50	22.00	2.30	5.78	0.28	7.50	90				

NO. SAMPLES	9	9	9	9	9	8	8	8	7	8	9	9	9	9	9	9	3	3	3	3
MAXIMUM	9000000.	83.0	23.0	12.0	21.0	678	64	38.0	1410	26.00	22.00	3.68	7.30	1.00	7.50	196	580	185	3.42	7.8
MINIMUM	3500.	0.5	1.0	5.5	1.6	246	10	2.9	240	0.08	0.02	0.06	0.71	0.01	0.22	12	110	58	0.41	7.1
AVERAGE	1162033.	13.0	14.4	8.2	7.7	511	36	22.4	900	11.53	8.69	1.14	3.67	0.22	2.79	78	343	124	1.43	7.5
MEDIAN	100000.																			
MAXIMUM KILOTONS/YEAR					0.98	0.15	20.	2.8			0.061	0.039	0.016	0.10	0.002	0.082	0.98	9.	5.	0.280
MINIMUM KILOTONS/YEAR					0.00	0.00	0.	0.0			0.000	0.000	0.000	0.00	0.000	0.000	0.05	0.	0.	0.000
AVERAGE KILOTONS/YEAR					0.14	0.03	4.	0.5			0.018	0.014	0.005	0.02	0.000	0.014	0.24	3.	2.	0.094

RIVER BASIN- FORTY MILE CR.

STREAM MILEAGE- FO 0.3

LOCATION CODE: 06-0038-02-001

STREAM- FORTY MILE CR.

SAMPLE POINT DESCRIPTION- DOWNSTREAM FROM TOWN OF GRIMSBY

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
24	5	66	0.											

NO. SAMPLES 1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	0.00000
MINIMUM KTONS/YR	0.00000
AVERAGE KTONS/YR	0.00000

RIVER BASIN- STONET CREEK

STREAM MILEAGE- S 0.4

LOCATION CODE: 06-0050-02-001

STREAM- STONEY CREEK

SAMPLE POINT DESCRIPTION- AT QUEEN ELIZABETH HIGHWAY

DATE SAMPLED D M Y	COI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
13 10 65	3900.	0.2	15.0	1.0	3.8	718	2	2.8	900	0.13	12.20	10.20	16.50	0.00	0.00	99	360	360	0.75	7.3
3 1 66		8.0	2.5	8.0	3.4	494	31	23.0		1.88	1.48	2.13	3.10	0.03	1.00	68				
7 3 66	3300.	30.0	0.0	10.0	2.8	562	80	34.0	715	1.00	0.38	0.72	2.10	0.01	1.50	61	280	144	5.20	7.8
9 5 66	160000.	1.0	9.5	7.0	9.2	668	15	16.0	1020	10.20	5.39	9.20	9.25	0.20	0.11	89	400	244	0.76	7.6
24 5 66	200000.	1.5	18.0	1.8	1.2	604	25		894	14.80	8.60	6.56	10.00	0.02	0.00	89				
15 6 66	910000.	0.3	22.0	7.0	14.0	690	39	9.0	926	9.40	9.20	5.90	0.05	0.04	0.00	81				
14 7 66	5200.	0.0	22.0	9.0	9.2	678	192	135.0		3.76	1.40	0.49	3.80	0.03	0.00	39				
8 8 66	57000.		23.0	7.0	9.4	766	21	20.0	1291	17.80	15.00	5.90	18.50	0.01	0.00	176				
29 8 66	*****	0.0	21.5	0.0	31.0	636	38	18.0	1005	25.50	20.40	16.40	26.40	0.00	0.03	102				

NO. SAMPLES	8	8	9	9	9	9	9	8	7	9	9	9	9	9	9	9	3	3	3	3
MAXIMUM	*****	30.0	23.0	10.0	31.0	766	192	135.0	1291	25.50	20.40	16.40	26.40	0.20	1.50	176	400	360	5.20	7.8
MINIMUM	3300.	0.0	0.0	0.0	1.2	494	2	2.8	715	0.13	0.38	0.49	0.05	0.00	0.00	39	280	144	0.75	7.3
AVERAGE	15792425.	5.1	14.8	5.6	9.3	646	49	32.2	964	9.39	8.23	6.39	9.97	0.04	0.29	89	346	249	2.24	7.6
MEDIAN	108500.																			
MAXIMUM KILOTONS/YEAR				0.30	0.08	17.	2.4			0.030	0.013	0.021	0.06	0.000	0.044	1.80	8.	4.	0.154	
MINIMUM KILOTONS/YEAR				0.00	0.00	0.	0.0			0.000	0.002	0.002	0.00	0.000	0.000	0.02	0.	0.	0.000	
AVERAGE KILOTONS/YEAR				0.06	0.02	4.	0.4			0.013	0.008	0.010	0.02	0.000	0.009	0.43	3.	2.	0.052	

RIVER BASIN- STONET CREEK

STREAM MILEAGE- S 0.4

LOCATION CODE: 06-0050-02-001

STREAM- STONEY CREEK

SAMPLE POINT DESCRIPTION- AT QUEEN ELIZABETH HIGHWAY

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
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24	5	66	4.											
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NO. SAMPLES 1

MAXIMUM	4.
MINIMUM	4.
AVERAGE	4.

MAXIMUM KTONS/YR	0.00001
MINIMUM KTONS/YR	0.00001
AVERAGE KTONS/YR	0.00001



RIVER BASIN- LAKE ONTARIO

STREAM MILEAGE- BC 0.2

LOCATION CODE: 06-0052-01-001

STREAM- BURLINGTON CA.

SAMPLE POINT DESCRIPTION- AT LIFT BRIDGE, BEACH ROAD

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
27	6 66	168.		24.5	9.0	5.8	412		4.5		0.30	0.08	1.80	4.80	0.12	2.00	60				
18	7 66	1400.		25.0	8.0	8.6		8	7.5	540	0.16	0.12	2.46	3.10	0.70	0.80	42	178	92	1.00	7.6
8	8 66	50000.		21.0	9.0	4.0	368	19	17.0	511	0.32	0.01	0.12	3.30	0.01	1.20	44				
30	8 66	320.		19.0	7.0	5.6	314	15	6.5	475	0.20	0.10	2.30	2.95	0.14	0.81	41				

NO. SAMPLES	4	4	4	4	3	3	4	3	4	4	4	4	4	4	4	4	1	1	1	1
MAXIMUM	50000.	25.0	9.0	8.6	412	19	17.0	540	0.32	0.12	2.46	4.80	0.70	2.00	60	178	92	1.00	7.6	
MINIMUM	168.	19.0	7.0	4.0	314	8	4.5	475	0.16	0.01	0.12	2.95	0.01	0.80	41	178	92	1.00	7.6	
AVERAGE	12972.	22.4	8.2	6.0	364	14	8.9	508	0.24	0.08	1.67	3.54	0.24	1.20	46	178	92	1.00	7.6	
MEDIAN	860.																			

MAXIMUM KILOGRAMS/YEAR  
 MINIMUM KILOGRAMS/YEAR  
 AVERAGE KILOGRAMS/YEAR

RIVER BASIN- RAMBO CREEK

STREAM MILEAGE- R 0.1

LOCATION CODE: 06-0054-02-001

STREAM- RAMBO CREEK

SAMPLE POINT DESCRIPTION- HWY. 2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65		1620000.		8.0	9.0	4.4		3	3.8	980	0.60	0.40	0.40	2.20	0.01	0.50					
26 10 65		11000.				4.4		51	81.0		0.64	0.52	0.13	1.00	0.02	1.50	83				
9 11 65		30000.																			
23 11 65				4.5	10.0	3.6			20.0	800	0.36	0.24	0.20	0.58	0.02	1.00	67				
7 12 65		10200.		2.0	11.0	1.6		15	9.0		0.28	0.24	0.20	0.77	0.01	1.50	78				
21 12 65		32000.		1.0	12.0	4.6	578	8	13.0			0.60	0.23	1.40	0.01	2.00	75				
4 1 66		6400.		1.5	12.0	1.6	532	15	31.0	790	0.24	0.24	0.10	0.40	0.01	1.50	63				
18 1 66		6.				2.6		15	3.6		0.24	0.10		1.10	0.02		75				
1 2 66		5800.		52.0	13.0	5.4	580	9	12.0	780	2.10	0.55	0.13	0.94	0.01	1.20	78				
15 2 66		19000.		52.0	12.0	3.6	604	15	8.0		0.24	0.14	0.06	1.00	0.01	1.00	117				
2 3 66		1200.		51.0	13.0	3.8	430	39		618	0.44	0.18	0.02	0.58	0.02	1.50	49				
15 3 66		510.		1.0	10.0	0.8	458	15	13.0	686	0.34	0.12	0.03	0.60	0.01	1.50	55				
29 3 66		260.		0.0	13.0	5.0	570	17	13.0		0.28	0.12	0.16	0.36	0.01	0.68	76				
12 4 66		4000.				2.6	494	15	5.5	750	0.04	0.04	0.00			0.65	59				
26 4 66		12000.				2.8	702	15	9.0		0.16	0.12	0.00	3.20	0.01	0.80	61				
11 5 66		42000.		5.0	10.0	7.2	570			837	0.16	0.08	0.16		0.03	1.50					
24 5 66				12.0	16.0	1.0	486	15			0.22	0.00	0.00	1.40	0.00	0.73					
7 6 66		170.		18.0	9.0	6.4	574		6.0		0.26	0.08	0.05		0.06	2.40	94				

RIVER BASIN- RAMBO CREEK

STREAM MILEAGE- R 0.1

LOCATION CODE: 06-0054-02-001

STREAM- RAMBO CREEK

SAMPLE POINT DESCRIPTION- HWY. 2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 6 66						3.8	580	9	10.0	675	0.10	0.02	0.05	0.90	0.05	12.50	59				
5 7 66		23000.		19.0		3.2	590	19	5.0	859	0.36	0.20	0.72	2.45	0.06	3.00	98				
19 7 66		28000.		22.0	3.0	4.0	566	19	5.0		0.44	0.08	0.13	1.10	0.14	1.50	76				
2 8 66		3200000.		19.0	4.0	9.8	520	306	19.5	340	1.40	0.60	0.10	3.60	0.02	0.10	27				
16 8 66		5000000.		19.0	8.0	6.8	306	56	40.0	354	0.60	0.30	0.12	1.10	0.01	0.50	29				
30 8 66		187000.				3.2	572	15	4.5	758	0.40	0.26	0.33	1.40	0.06	2.00	73				

NO. SAMPLES	21	17	16	23	18	20	20	13	22	23	22	20	22	22	20
MAXIMUM	5000000.	52.0	16.0	9.8	702	306	81.0	980	2.10	0.60	0.72	3.60	0.14	12.50	117
MINIMUM	6.	0.0	3.0	0.8	306	3	3.6	340	0.04	0.00	0.00	0.36	0.00	0.10	27
AVERAGE	487264.	16.9	10.3	4.0	539	33	15.6	709	0.45	0.23	0.15	1.30	0.03	1.80	69
MEDIAN	12000.														

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- RAMBO CREEK

STREAM MILEAGE- R 0.1

LOCATION CODE: 06-0054-02-001

STREAM- RAMBO CREEK

SAMPLE POINT DESCRIPTION- HWY. 2

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
26 10 65		15.												
23 11 65		8.												
7 12 65		2.												
21 12 65		8.												
1 2 66		8.												
15 3 66		2.												
29 3 66		10.												
12 4 66		2.												
26 4 66		10.												
11 5 66		50.												
21 6 66		2.												
5 7 66		4.												
19 7 66		4.												
2 8 66		4.												
16 8 66		4.												
30 8 66		8.												

NO. SAMPLES 16

MAXIMUM	50.
MINIMUM	2.
AVERAGE	9.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- BRONTE CREEK

STREAM MILEAGE- B 0.4

LOCATION CODE: 06-0060-02-001

STREAM- BRONTE CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO 2

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65	330.		9.0	10.0	0.8		12	8.0	480	0.12	0.08	0.10	0.46	0.00	0.16					
26 10 65	580.				2.4			12.5		0.12	0.02	0.07	0.64	0.00	0.14	16				
9 11 65	43000.																			
23 11 65	350.		3.0	11.0	1.2			7.0	465	0.12	0.04	0.00	0.52	0.00	0.35	15				
7 12 65	150.		2.0	11.0																
21 12 65	130.		2.0	9.0	1.6	396	15	6.0	540	0.08	0.06	0.03	0.46	0.00	0.00	17				
4 1 66	154.		2.0	12.0	2.0	330	15	16.0	470	0.16	0.10	0.03	0.33	0.00	0.50	15				
18 1 66	62.				2.4	442	15	3.5	610	0.06	0.04	0.00	0.33	0.01	1.00	21				
1 2 66	500.		52.0	4.0	3.0	454	40	13.0	650	0.14	0.09	0.05	0.52	0.01	1.20					
15 2 66	290.		52.0	12.0	2.6	376	15	5.0	510	0.16	0.09	0.03	0.84	0.01	0.80	40				
2 3 66	1300.		51.0	13.0	4.8	280	35	17.0	493	0.48	0.16	0.16	0.98	0.01	1.00	128				
15 3 66	120.		1.0	13.0	1.0	334	40	11.5	473	0.32	0.30	0.03	0.60	0.01	0.65	15				
29 3 66	90.		0.0	12.0	2.0	312	9	4.0		0.10	0.10	0.00	0.13	0.00	0.50	16				
12 4 66	60.	112.0			1.7	352	18	8.5	503	0.04	0.04			0.01	0.60	22				
26 4 66	136.	117.0			1.8	310	18	11.0		0.12	0.06	0.00		0.01	0.60	17				
11 5 66	36.	73.5	6.0	10.0	1.5	346	15		534	0.06	0.01	0.00		0.00	0.60					
24 5 66	200.	93.8	7.0	17.0	0.6	370	50	38.0	531	0.24	0.04	0.00	1.10	0.00	0.11	12				
7 6 66	740.	39.0	18.0	8.0	2.0	296	81	11.5		0.20	0.01	0.00	0.71	0.01	0.40	27				

RIVER BASIN- BRONTE CREEK

STREAM MILEAGE- 8 0.4

LOCATION CODE: 06-0060-02-001

STREAM- BRONTE CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO 2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 6 66			59.7			2.6	432	42	34.0	490	0.16	0.02	0.06	0.40	0.01	3.80	21				
5 7 66		620.	20.2	19.0	16.0	3.5	288	13	7.0	424	0.14	0.05	0.02	0.33	0.01	0.06	31				
19 7 66		420.	7.5	19.0	16.0	2.4	300	47	23.0		0.16	0.06	0.08	0.20	0.01	0.10	26				
2 8 66		21000.	22.1	20.0	6.0	2.1	356	123		414	0.46	0.04	0.06	0.80	0.01	0.10	28				
16 8 66		18000.	14.7	20.0	7.0	2.2	328	17	13.5	490	0.12	0.02	0.06	0.13	0.05	0.20	30				
30 8 66		510.	7.6			2.0	338	15	7.0	432	0.10	0.04	0.08	0.46	0.01	0.12	30				

NO. SAMPLES	23	11	17	17	22	19	20	20	17	22	22	21	19	22	22	19
MAXIMUM	43000.	117.0	52.0	17.0	4.8	454	123	38.0	650	0.48	0.30	0.16	1.10	0.05	3.80	128
MINIMUM	36.	7.5	0.0	4.0	0.6	280	9	3.5	414	0.04	0.01	0.00	0.13	0.00	0.00	12
AVERAGE	3860.	51.6	16.6	11.0	2.1	349	31	12.8	500	0.17	0.07	0.04	0.52	0.01	0.59	27
MEDIAN	330.															
MAXIMUM KILOTONS/YEAR					1.57	0.21	39.	4.6		0.022	0.007	0.004	0.10	0.001	0.224	2.43
MINIMUM KILOTONS/YEAR					0.10	0.01	2.	0.1		0.001	0.000	0.000	0.00	0.000	0.001	0.19
AVERAGE KILOTONS/YEAR					0.47	0.09	18.	1.7		0.007	0.002	0.001	0.02	0.000	0.040	0.98

RIVER BASIN- BRONTE CREEK

STREAM MILEAGE- B 9.3

LOCATION CODE: 06-0060-02-002

STREAM- BRONTE CREEK

SAMPLE POINT DESCRIPTION- APPLEBY LINE,TOWN OF BURLINGTON

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
5	7 66	280.		24.0	10.0	2.5	522	21	5.0	516	0.04	0.03	0.03	0.13	0.01	1.00	18				
19	7 66	260.		24.0	10.0	1.1	328	24	13.0		0.14	0.06	0.02	0.23	0.01	0.50	17				
2	8 66	920.		20.0	5.0	1.3	320	10	13.0	471	0.08	0.01	0.03	0.65	0.01	0.16	21				
16	8 66	8000.		20.0	7.0	5.3	422	47	27.0	585	2.70	2.60	1.80	2.70	0.00	0.20	26				
30	8 66	800.				2.2	424	65	21.0		0.20	0.02	0.08	0.65	0.01	1.00					

NO.SAMPLES	22	16	15	22	18	19	19	13	21	22	22	21	22	22	19
MAXIMUM	30000.	52.0	16.0	5.3	522	65	29.0	585	2.70	2.60	1.80	2.70	0.10	7.50	26
MINIMUM	12.	0.0	5.0	0.6	292	2	2.3	430	0.02	0.00	0.00	0.13	0.00	0.10	11
AVERAGE	2041.	15.1	11.1	2.0	373	19	9.7	501	0.27	0.18	0.11	0.67	0.01	0.90	16
MEDIAN	240.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- OAKVILLE CREEK

STREAM MILEAGE- 0 0.4

LOCATION CODE: 06-0063-02-001

STREAM- OAKVILLE CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
12 10 65	260.		9.0	10.0	1.4			3.6	530	0.60	0.52	0.06	1.30	0.02	0.40					
26 10 65	90.				2.0			18.0		0.40	0.36	0.12	0.40	0.01		36				
9 11 65	530.																			
23 11 65			3.5	12.0	0.4			11.0	510	0.36	0.32	0.06	0.52	0.01	0.45	29				
7 12 65	44000.		2.0	12.0	2.4		15	11.0		0.48	0.32	0.26	0.91	0.01	0.90	24				
21 12 65	240.		2.0	10.0	2.0	274	7	10.0	530	0.26	0.10	0.03	0.52	0.00	0.00	26				
4 1 66	3100.		2.0	13.0	1.8	352	15	20.0	500	0.40	0.24	0.16	0.60	0.01	0.75	36				
18 1 66	19700.				1.6	436	15	4.0	610	0.36	0.30	0.30	0.84	0.02	0.66	28				
1 2 66	800.		52.0	12.0	3.0	464	15	5.5		1.08	0.86	0.99	1.65	0.02	0.80					
15 2 66	5000.	226.0	52.0	11.0	2.4	312	15	7.0	444	0.48	0.29	0.23	1.40	0.02	1.00	27				
2 3 66	2000.	562.0	51.0	13.0	7.2	314	111	21.0	314	0.12	0.03	0.53	1.96	0.02	1.00	44				
15 3 66	11000.	346.0	1.0	11.0	1.6	322	20	36.0	415	0.72	0.34	0.16	1.00	0.03	1.00	21				
29 3 66	0.		0.0	11.0	2.4	322	9	10.0		0.64	0.46	0.23	0.40	0.01	0.44	25				
12 4 66	30.	100.5	0.0	11.0	3.1	336	15		482	0.18	0.18			0.03	0.00	23				
26 4 66	50.	75.5			3.2	310	18	12.0		0.62	0.42	0.26	0.84	0.02	0.30	27				
11 5 66	16.	49.8	8.0	9.0	2.0	350	21	23.0	526		0.81	0.36	0.64	0.01	0.12					
24 5 66		72.0	8.0	17.0	0.6	316	15		490	0.26	0.18	0.08	0.71	0.00	0.00	13				
7 6 66	50.	29.9			2.5	326	19	13.0		0.58	0.20	0.30	1.10	0.01	0.00	33				



RIVER BASIN- OAKVILLE CREEK

STREAM MILEAGE- 0 0.4

LOCATION CODE: 06-0063-02-001

STREAM- OAKVILLE CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO.2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21	6 66		36.2			1.8	418	24	32.0	511	0.92	0.44	0.23	1.15	0.02	7.50	28				
5	7 66	190.	10.9	21.0	4.0	4.1	324	27	16.0	445	0.40	0.34	0.02	0.58	0.01	0.05	38				
19	7 66	110.	10.8	20.0	3.0	3.4	302	25	24.0		0.42	0.12	0.02		0.00	0.05	31				
2	8 66	210000.	12.3	20.0	6.0	3.7	314	16	11.0	475	0.64	0.40	0.05	1.10	0.01	0.06	37				
16	8 66	40.	13.5	19.0	4.0	6.0	354	19	10.5	498	0.94	0.50	0.05	1.40	0.00	0.00	44				
30	8 66	4.	10.5			6.0	438	15	8.5	506	0.56	0.26	0.02	1.05	0.13	0.00	36				

NO. SAMPLES	21	14	17	17	23	19	20	21	16	22	23	22	21	23	22	20
MAXIMUM	210000.	562.0	52.0	17.0	7.2	464	111	36.0	610	1.08	0.86	0.99	1.96	0.13	7.50	44
MINIMUM	0.	10.5	0.0	3.0	0.4	274	7	3.6	314	0.12	0.03	0.02	0.40	0.00	0.00	13
AVERAGE	14153.	111.1	15.9	9.9	2.8	346	21	14.6	486	0.52	0.35	0.21	0.96	0.02	0.70	30
MEDIAN	240.															
MAXIMUM KILOTONS/YEAR					7.20	3.99	174.	61.5		0.246	0.116	0.294	1.09	0.011	0.554	24.37
MINIMUM KILOTONS/YEAR					0.03	0.04	3.	0.2		0.004	0.001	0.000	0.01	0.000	0.000	0.33
AVERAGE KILOTONS/YEAR					1.63	0.44	35.	5.7		0.045	0.024	0.035	0.17	0.002	0.101	3.61

RIVER BASIN- OAKVILLE CREEK

STREAM MILEAGE- 0 14.8

LOCATION CODE: 06-0063-02-002

STREAM- OAKVILLE CREEK

SAMPLE POINT DESCRIPTION- SIDE ROAD NO.10, MILTON

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 6 66						2.7	488	22	9.0	555	1.36	1.32	0.82	1.50	0.00	12.50	20				
5 7 66		5000.				4.6	394	22	6.0	584	2.48	0.92	0.40	1.50	0.30	2.30	22				
19 7 66		39000.		23.0	16.0	3.3	368	6	6.0		1.86	1.80	0.13	0.46	0.16	2.50	36				
2 8 66		500000.		20.0	4.0	5.2	428	62		591	3.20	2.72	1.00	2.60	0.12	0.34	30				
16 8 66		74000.		19.0	6.0	1.4	342	26	13.5	465	0.10	0.06	0.05	0.33	0.01	1.25	20				
30 8 66		53000.				3.2	446	15	10.5	704	4.10	3.80	1.31	2.70	0.28	0.22					

NO. SAMPLES	22	16	15	23	19	22	19	16	21	22	23	23	23	23	20
MAXIMUM	500000.	52.0	22.0	8.2	488	62	43.0	704	4.10	3.80	1.31	2.70	0.30	12.50	36
MINIMUM	90.	0.0	3.0	0.8	304	6	6.0	461	0.10	0.06	0.05	0.33	0.00	0.00	15
AVERAGE	63368.	16.7	11.0	3.5	378	25	13.6	527	1.32	0.98	0.49	1.31	0.05	1.20	20
MEDIAN	27000.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- C 0.1

LOCATION CODE: 06-0076-02-001

STREAM- CREDIT RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65					1.2		13	12.5	553	0.44	0.36	0.10	0.33	0.02	0.16	26				
26 10 65					2.6		10	16.0	460	0.38	0.28	0.20	0.33	0.01	0.40	21				
16 11 65					2.8			10.0	470	0.80	0.72	0.16	0.84	0.02	0.34	25				
30 11 65					0.6			7.5		0.68	0.32	0.16	0.60	0.01	0.55	20				
14 12 65					2.2	384	34		480	0.56	0.52	0.13	0.71	0.01	0.70	33				
4 1 66					1.4	332	15	11.0	500	0.40	0.28	0.16	0.39	0.01	0.50					
18 1 66					1.6	412	2	4.0	604	0.48	0.40	0.20	0.40	0.10	1.00	28				
14 2 66		2420.0			3.4	286	25	11.5	380	0.40	0.18	0.26	1.20	0.02	0.80	24				
2 3 66		934.0			6.4	308	58	31.0	382	0.74	0.24	0.66	1.50	0.02	1.00	23				
15 3 66					3.6	374	116	29.0	391	0.60	0.27	0.20	1.00	0.02	0.70	17				
5 4 66		366.0			2.2	326	15	11.5	523	0.20	0.18	0.10	0.40	0.02	0.52	39				
26 4 66					1.2	358	15	11.0		0.30	0.30	0.10		0.02	0.10	21				
9 5 66		205.0			1.8	344	16	12.0	493	0.26	0.22	0.00	0.40	0.02	1.40	26				
24 5 66		244.0			0.8	334	15		503	0.50	0.30	0.18	0.84	0.00	0.00	25				
6 6 66		140.0			3.6	292	15	6.0		0.56	0.44	0.16	1.10	0.02	0.10	25				
20 6 66					3.4	432	43	9.0	497	0.60	0.54	0.30	0.84	0.05	3.80	20				
6 7 66		74.5			3.9	326	19	11.5	439	0.76	0.56	0.12	0.71	0.02	0.30	25				
18 8 66		77.3			1.4	286	13	5.5	425	0.52	0.44	0.08	0.09	0.01	0.00	28				

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- C 0.1

LOCATION CODE: 06-0076-02-001

STREAM- CREDIT RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
6	9	66				2.8	376	20	13.5	434	0.60	0.38	0.13	0.40	0.02	0.20	24				
20	9	66				1.4	306	19		456	0.60	0.56				0.15	24				

NO. SAMPLES	8	20	16	18	17	17	20	20	19	18	19	20	19
MAXIMUM	2420.0	6.4	432	116	31.0	604	0.80	0.72	0.66	1.50	0.10	3.80	39
MINIMUM	74.5	0.6	286	2	4.0	380	0.20	0.18	0.00	0.09	0.00	0.00	17
AVERAGE	557.6	2.4	342	25	12.5	470	0.52	0.37	0.18	0.67	0.02	0.64	24
MEDIAN													
MAXIMUM KILOTONS/YEAR		8.11	682.	59.6			0.954	0.429	0.620	2.86	0.048	1.908	57.24
MINIMUM KILOTONS/YEAR		0.11	22.	1.0			0.040	0.034	0.000	0.01	0.000	0.000	1.84
AVERAGE KILOTONS/YEAR		2.03	165.	16.2			0.257	0.121	0.168	0.61	0.010	0.417	13.89

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- C 4.9

LOCATION CODE: 06-0076-02-002

STREAM- CREDIT RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 5

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65					1.3			12.0		0.48	0.44	0.12	0.40	0.02	0.10	22				
26 10 65					3.2		23	26.0	465	0.44	0.40	0.20	0.78	0.02	0.40	19				
16 11 65					1.6			9.5	470	0.56	0.48	0.13	0.71	0.01	0.44	29				
30 11 65					1.0		24	13.0		0.64	0.52	0.26	0.65	0.02	0.55	20				
14 12 65					3.2	430	81		450	0.56	0.40	0.08	0.91	0.01	0.75	29				
4 1 66					0.0	320	15	45.0	490	0.52	0.28	0.20	0.46	0.02	0.50					
18 1 66					1.8	470	21	6.0	575	0.55	0.38	0.26	0.52	0.10	1.00	26				
14 2 66					4.0	342	74	13.0	370	1.18	0.18	0.23	1.20	0.02	0.80	19				
2 3 66					7.4	310	19	45.0	379	0.96	0.32	0.53	1.60	0.05	0.75	20				
15 3 66					3.6	352	120	27.0	394	0.64	0.34	0.20	0.84	0.04	0.60	16				
5 4 66					2.6	310	15	9.0	504	0.28	0.18	0.05	0.46	0.06	0.55	25				
26 4 66					0.6	314	15	9.0		0.24	0.16	0.06			0.10	23				
9 5 66					6.6	324	15	11.5	499	1.37	0.59	0.00	0.98	0.10	1.20	24				
24 5 66					0.8	322	15		492	0.64	0.44	0.16	1.00	0.00	0.00	22				
6 6 66					3.6	280	15	3.3		0.84	0.72	0.30	1.10	0.06	0.12	24				
20 6 66					3.6	418	24	9.5	499	0.74	0.68	0.33	0.84	0.05	3.80	19				
6 7 66					3.2	308	6	5.5	440	1.60	0.80	0.20		0.03	0.20	19				
18 8 66					1.3	302	13	8.0	443	0.72	0.62	0.08	0.58	0.02	0.00	24				

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- C 4.9

LOCATION CODE: 06-0076-02-002

STREAM- CREDIT RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 5

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
6	9	66				1.2	354	13	6.0	463	0.60	0.50	0.20	0.52	0.02	0.50	18				
20	9	66				1.6	290	4	4.0	454	0.92	0.82	0.40		0.10	0.30	21				

NO. SAMPLES

20	16	18	18	16	20	20	20	17	19	20	19
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MAXIMUM	7.4	470	120	45.0	575	1.60	0.82	0.53	1.60	0.10	3.80	29
MINIMUM	0.0	280	4	3.3	370	0.24	0.16	0.00	0.40	0.00	0.00	16
AVERAGE	2.6	340	28	14.6	461	0.72	0.46	0.20	0.80	0.04	0.63	22
MEDIAN												

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- C 21.4

LOCATION CODE: 06-0076-02-003

STREAM- CREDIT RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 7

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65					2.1		6	3.6	525	0.56	0.52	0.20	0.60	0.02	0.20	22				
26 10 65					3.6		16	11.0	440	0.38	0.10	0.16	0.64	0.00	0.30	15				
16 11 65					1.8		19	34.0	460	0.48	0.36	0.16	0.84	0.00	0.44	25				
30 11 65					2.0			6.0		0.20	0.16	0.20	0.40	0.01	0.55	16				
14 12 65					2.0	396	81		450	0.40	0.28	0.16	0.77	0.01	0.60	19				
4 1 66																				
18 1 66					2.0	402	29	6.0	542	0.49	0.26	0.30	0.52	0.01	1.00	22				
14 2 66					3.2	356	84	11.5	400	0.66	0.18	0.26	2.00	0.01	0.60	21				
2 3 66					6.8	324	46	8.0	445	0.50	0.28	0.46	1.10	0.02	0.75	21				
15 3 66					3.2	298	50	23.0	413	0.48	0.40	0.16	0.84	0.01	0.50	14				
5 4 66					3.0	286	15	11.5	476	0.20	0.16	0.20	0.46	0.01	0.50	27				
26 4 66					2.4	324	15	9.0		0.32	0.32	0.60		0.01	0.40	16				
9 5 66					2.8	304	15	10.0	495	0.34	0.28	0.26	0.58	0.01	0.46	26				
24 5 66					0.6	316	17		503	0.60	0.42	0.20	1.00	0.00	0.22	22				
6 6 66					9.8	358	29	3.5		0.58	0.44	0.26	0.90	0.10	0.20	27				
20 6 66					3.8	398	21	9.0	500	0.50	0.50	0.23	0.84	0.05	2.50	18				
6 7 66					2.8	344	19	8.0	558	0.90	0.68	0.23	0.42	0.04	0.30	11				
18 8 66					1.5	300	8	9.0	500	0.66	0.60	0.13	1.10	0.55	0.30	22				

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- C 21.4

LOCATION CODE: 06-0075-02-003

STREAM- CREDIT RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 7

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
6	9	66				4.2	376	21	10.0	506	0.90	0.70	0.12	0.78	0.05	0.50	21				
20	9	66				2.4	302	2	3.5	475	0.70	0.68	0.20	0.63	0.10	0.25	18				

NO. SAMPLES

19 15 18 17 16 19 19 19 18 19 19 19

MAXIMUM	9.8	402	84	34.0	558	0.90	0.70	0.60	2.00	0.55	2.50	27
MINIMUM	0.6	286	2	3.5	400	0.20	0.10	0.12	0.40	0.00	0.20	11
AVERAGE	3.2	338	27	10.4	480	0.52	0.39	0.24	0.80	0.05	0.56	20
MEDIAN												

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- CS 21.7

LOCATION CODE: 06-0076-02-004

STREAM- SILVER CREEK

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO. 7

DATE SAMPLED D M Y	HOURLY	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65						7.3					2.80	2.68	1.64	2.50	0.16	0.30	84				
26 10 65						4.4		14	11.0	580	1.60	1.32	0.57	1.70	0.03	0.20	40				
16 11 65						5.6		24	36.0	630	1.24	1.00	0.53	2.60	0.00	0.62	61				
30 11 65						1.4			7.5		0.84	0.72	0.70	1.00	0.02	0.34	39				
14 12 65						2.6	482	48		530	0.56	0.52	0.36	0.77	0.01	0.30	33				
4 1 66						0.2	398	15	9.0	560	0.84	0.72	0.85	1.10	0.01	0.50	34				
18 1 66						2.6	472	5	3.5	687	1.58	1.00	1.50	2.60	0.02	1.00	63				
14 2 66						3.6	386	35	13.0		0.98	0.43	1.05	2.00	0.01	0.50	38				
2 3 66						8.2	410	15	11.0	630	0.92	0.60	0.82	2.00	0.02	0.75	40				
15 3 66						2.4	324	28	7.0	502	0.46	0.38	0.36	1.00	0.01	0.30	27				
5 4 66						2.4	342	15	7.0	552	0.66	0.56	0.66	0.71	0.02	0.40					
26 4 66						2.6	404	15	21.0		0.90	0.64	0.66		0.02	0.40	33				
9 5 66						2.6	424	15	14.0	603	1.40	1.10	0.60	2.60	0.04	0.60	57				
24 5 66						1.0	452	19		675	1.22	1.10	0.60	1.92	0.44	0.18	58				
6 6 66						10.0	494	43	5.5		2.10	1.28	1.31	2.45	0.30	0.80	67				
20 6 66						11.0	584	15	7.5	736	2.20	1.90	1.31	2.80	0.20	3.80	59				
6 7 66						13.0	514	36	100.0		2.78	0.04	1.31		0.50	2.00	69				
18 8 66						5.3	494	3		803	3.90	3.80	0.85	1.40	0.18	2.00					

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- CS 21.7

LOCATION CODE: 06-0076-02-004

STREAM- SILVER CREEK

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO.7

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAO3 PPM	TOT IRON PPM	PH AT LAB
6	9	66				4.0	504	11	6.5	795	3.20	2.24	0.72	1.40	0.01	1.00	79				
20	9	66				11.0	486		8.0	815	1.88	0.82	0.03	0.91	0.80	1.30	68				

NO. SAMPLES

20	16	17	16	14	20	20	20	18	20	20	18
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MAXIMUM	13.0	584	48	100.0	815	3.90	3.80	1.64	2.80	0.80	3.80	84
MINIMUM	0.2	324	3	3.5	502	0.46	0.04	0.03	0.71	0.00	0.18	27
AVERAGE	5.1	448	20	16.7	649	1.60	1.14	0.82	1.75	0.14	0.86	52
MEDIAN												

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- CBS 31.6

LOCATION CODE: 06-0076-02-005

STREAM- BLACK CREEK

SAMPLE POINT DESCRIPTION- THIRD LINE, TWP. OF ESQUESING

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65					4.8					5.00	4.28	4.92	6.80	0.10	0.20	305				
26 10 65					3.6			4.0	750	1.52	1.48	1.97	3.25	0.04	0.40	97				
16 11 65					3.2			2.3	820	1.40	1.32	2.30	3.60	0.02	0.36	182				
30 11 65					4.8		15	6.0		1.16	0.96	1.64	2.00	0.02	0.60	129				
14 12 65					3.6	568	15		710	0.60	0.56	0.79	1.60	0.02	0.32	95				
4 1 66					6.4	532	15	7.0	830	1.25	0.88	1.44	2.60	0.02	0.75					
18 1 66					9.2	756	11	8.5		2.10	1.50	3.30	6.10	0.05	0.75	172				
14 2 66					14.0	774	11	4.5	1287	7.40	1.40	3.94	8.10	0.04	0.60	202				
2 3 66					5.2	538	15	5.5	854	0.96	0.64	1.48	2.60	0.04	0.45	90				
15 3 66					4.4	454	15	5.5	769	1.16	0.78	1.31	2.80	0.02	0.26	74				
5 4 66					8.2	366	25	8.0		1.08	0.72	1.31	2.80	0.04		104				
26 4 66					6.7	548	27	11.5		1.70	1.20	1.64		0.10	0.75	116				
9 5 66					6.6	646	15		1070	1.67	1.61	0.46	2.80	0.10	1.15					
24 5 66					9.2	794	3	4.5	1359	5.40	2.80	2.30	2.70	0.10	1.25	203				
6 6 66					15.0	852	19	3.6		3.10	1.23	2.96	3.80	0.40	0.80	224				
20 6 66					14.0	980	3	3.8	1350	3.40	3.20	1.97	4.45	0.40	5.00	202				
6 7 66					7.8	864	5	3.3		2.78	1.54	0.60		0.30	5.00	218				
18 8 66					5.0	942	1		1557		4.90	1.24	2.20	0.45	1.25					

RIVER BASIN- CREDIT RIVER

STREAM MILEAGE- CBS 31.6

LOCATION CODE: 06-0076-02-005

STREAM- BLACK CREEK

SAMPLE POINT DESCRIPTION- THIRD LINE, TWP. OF ESQUESING

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
6 9 66						7.8	970	3	1.5	1500	6.20	6.20	2.62	3.50	0.12	2.00	243				
20 9 66						0.8		15		383	2.38	2.24	0.16	3.10	0.20	0.24	5				

NO. SAMPLES

20 15 17 15 13 19 20 20 18 20 19 17

MAXIMUM	15.0	980	27	11.5	1557	7.40	6.20	4.92	8.10	0.45	5.00	305
MINIMUM	0.8	366	1	1.5	383	0.60	0.56	0.16	1.60	0.02	0.20	5
AVERAGE	7.0	705	12	5.3	1018	2.65	1.97	1.92	3.60	0.13	1.16	156
MEDIAN												

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- ETOBICOKE CR.

STREAM MILEAGE- E 0.3

LOCATION CODE: 96-0080-02-001

STREAM- ETOBICOKE CR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
3 1 66		30000.	5.6	1.7	11.9	3.2	518	43	9.0				1.84	3.10	0.04	1.50	79				
3 3 66		980.	22.4	4.0	10.0	5.8	358	92	39.0	429	1.50	0.78	1.18	6.80	0.06	0.75	44				
5 5 66		570.	15.0	15.0	12.0	4.6	606	15	9.0	1050	4.64	3.16	1.23	1.80	0.45	0.70	130	350	242	0.70	8.9
22 6 66	2000	44000.	5.5	27.0	12.0	4.8	698	20	10.0	1090	4.40	3.00	0.20	2.45	0.30	1.25	150				
5 7 66	1745	230000.	2.0	27.0	11.0	5.4	672	15	12.5	1210	9.20	6.70	0.53	1.95	0.01	0.00	178			1.61	
20 7 66	1700	58000.	1.0	23.0	12.0	15.0	878	18	13.0	1437	17.60	17.00	12.60	18.00	0.03	0.02	188				
9 8 66	1750	15000.	1.0	29.0	13.0	3.5	736	15	9.5	1130	7.90	7.00	0.30	1.45	0.03	1.00	160				
22 8 66	1900	60000.	2.0	21.0	8.0	7.2	630	87	71.0	871	10.40	10.00	1.97	3.50	0.25	1.50	114				
3 9 66	1755	159000.	5.0	19.0	9.0	4.0	602	11	7.5	911	10.20	10.20	0.46	3.50	0.16	2.50	117				
23 9 66	1800	97000.	4.0	16.0	10.0	7.6	302	104	59.0		5.50	5.20		1.95	0.10	0.75	86				

NO. SAMPLES	10	10	10	10	10	10	10	10	8	9	9	9	10	10	10	10	1	1	2	1
MAXIMUM	230000.	22.4	29.0	13.0	15.0	878	104	71.0	1437	17.60	17.00	12.60	18.00	0.45	2.50	188	350	242	1.61	8.9
MINIMUM	570.	1.0	1.7	8.0	3.2	302	11	7.5	429	1.50	0.78	0.20	1.45	0.01	0.00	44	350	242	0.70	8.9
AVERAGE	69455.	6.3	18.3	10.9	6.1	600	42	23.9	1016	7.93	7.00	2.26	4.45	0.14	1.00	124	350	242	1.15	8.9
MEDIAN	51000.																			
MAXIMUM KILOTONS/YEAR				0.22	0.13	9.	2.0			0.069	0.050	0.026	0.15	0.007	0.017	1.92	5.	4.	0.010	
MINIMUM KILOTONS/YEAR				0.01	0.00	1.	0.0			0.008	0.007	0.000	0.00	0.000	0.000	0.16	5.	4.	0.003	
AVERAGE KILOTONS/YEAR				0.07	0.03	3.	0.3			0.029	0.023	0.008	0.03	0.001	0.006	0.60	5.	4.	0.007	

RIVER BASIN- ETOBICOKE CR.

STREAM MILEAGE- E 0.3

LOCATION CODE: 06-0080-02-001

STREAM- ETOBICOKE CR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
3 1 66		20.												
22 6 66	2000	2.												
5 7 66	1745	4.												
20 7 66	1700	40.												
9 8 66	1750	4.												
22 8 66	1900	6.												
3 9 66	1755	8.												

NO. SAMPLES 7

MAXIMUM	40.
MINIMUM	2.
AVERAGE	12.

MAXIMUM KTONS/YR	0.00011
MINIMUM KTONS/YR	0.00000
AVERAGE KTONS/YR	0.00003

RIVER BASIN- ETOBICOKE CR.

STREAM MILEAGE- EW 12.7

LOCATION CODE: 06-0080-02-002

STREAM- ETOBICOKE CR.

SAMPLE POINT DESCRIPTION- DERRY RD.E., TWP. OF TORONTO

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
7 3 66		410.		0.5	12.0	5.6	360	34	29.0	487	2.56	1.00	2.62	4.80	0.05	0.40	50	200	131	1.84	7.8
5 5 66		70000.		11.0	13.0	47.0	780	37	31.0	1330	6.40	0.56	7.40	9.90	0.01	0.18	167	360	321	0.70	7.7
22 6 66	2020	160000.		22.0	10.0	20.0	940	49	11.0	1540	17.00	13.80	16.40		0.15	0.60	202				
20 7 66	1730	70000.		23.0	11.0	2.2	770	7	6.0	1234	6.20	6.10	0.05	1.10	0.04	0.50	180				
22 8 66	1925	880000.		21.0	6.0	19.0	790	15	12.0	1348	17.60	17.00	13.20	18.00	0.15	0.40	197				
23 9 66	1920	7400000.		17.0	5.0	48.0	750	94	59.0	1131	13.40	11.60	5.90	23.50	0.00	0.03	152				

NO. SAMPLES	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	2	2	2	2
MAXIMUM	7400000.	23.0	13.0	48.0	940	94	59.0	1540	17.60	17.00	16.40	23.50	0.15	0.60	202	360	321	1.84	7.8	
MINIMUM	410.	0.5	5.0	2.2	360	7	6.0	487	2.56	0.56	0.05	1.10	0.00	0.03	50	200	131	0.70	7.7	
AVERAGE	1430068.	15.7	9.5	23.6	731	39	24.7	1178	10.53	8.34	7.59	11.46	0.07	0.35	158	280	226	1.27	7.7	
MEDIAN	115000.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MIMICO CREEK

STREAM MILEAGE- MC 0.1

LOCATION CODE: 06-0082-02-001

STREAM- MIMICO CREEK

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO.2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB		
3	1	66		2400.	21.7	2.0	11.1	2.1	992	43	38.0			1.40	0.02	0.50	350						
3	3	66		580.	87.0	3.0	11.0	5.2	614	294	56.0	528	1.42	0.24	0.78	1.96	0.03	0.68	76				
5	5	66		220.	7.9	15.0	12.0	4.0	548	15	8.0	925	1.52	0.73	0.62	1.50		0.50	236	310	176	0.72	8.9
22	6	66	1845	76.	5.4	27.0	13.0	1.8	640	12		863	1.16	0.56	0.23	1.55	0.10	0.40	119				
5	7	66	1715	3000.	4.2	26.0	11.0	3.3	1814	7	7.0	2690	0.92	0.84	0.12	0.78	0.02	1.25	676				
20	7	66	1645	970.	4.9	22.0	12.0	4.7	1364	10	9.0	1950	2.00	1.40	0.05	0.84	0.11	0.01	453				
9	8	66	1815	11000.	8.8	29.0	12.0	4.3	478	15	10.0		1.18	0.86	0.26	0.71	0.02	0.10	94				
22	8	66	1825	170000.	12.5	22.0	8.0	4.8	474	87	59.0	601	2.00	1.20	0.33	0.84	0.11	1.00	76				
3	9	66	1820	82000.	18.4	19.0	9.0	4.8	492	13	8.0	767	1.00	0.90	2.46	3.80	0.02	0.60	96				
23	9	66	1810	70000.	7.9	17.0	8.0	5.6	398	130	74.0	474	2.60	1.90	0.60	2.50	0.05	0.60	51				
NO. SAMPLES		10	10	10	10	10	10	10	9	8	9	9	9	10	9	10	10	1	1	1	1		
MAXIMUM		170000.	87.0	29.0	13.0	5.6	1814	294	74.0	2690	2.60	1.90	2.46	3.80	0.11	1.25	676	310	176	0.72	8.9		
MINIMUM		76.	4.2	2.0	8.0	1.8	398	7	7.0	474	0.92	0.24	0.05	0.71	0.02	0.01	51	310	176	0.72	8.9		
AVERAGE		34025.	17.9	18.2	10.7	4.1	781	62	29.9	1099	1.53	0.96	0.61	1.59	0.05	0.56	222	310	176	0.72	8.9		
MEDIAN		2700.																					
MAXIMUM KILOTONS/YEAR					0.94	0.45	53.	25.2			0.122	0.021	0.067	0.17	0.003	0.058	7.48	2.	1.	0.006			
MINIMUM KILOTONS/YEAR					0.05	0.01	3.	0.0			0.004	0.003	0.000	0.00	0.000	0.000	0.40	2.	1.	0.006			
AVERAGE KILOTONS/YEAR					0.19	0.08	12.	2.9			0.025	0.010	0.014	0.03	0.001	0.011	2.53	2.	1.	0.006			



RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- H

LOCATION CODE: 06-0083-02-001

STREAM- HUMBER RIVER

SAMPLE POINT DESCRIPTION- LAKESHORE ROAD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
3	1	66																			
			3000.	352.0	1.0	13.0	2.0	700	104	65.0	0.16	0.68	0.23	1.00	0.02	0.50	189				
3	3	66																			
			810.	735.0	3.0	12.0	6.4	432	140	84.0	1.14	0.31	0.85	2.20	0.03	0.60	47				
22	6	66	1830																		
			7000.	56.6	24.0	8.0	4.2	494	82	634	1.40	0.50	0.36	1.55	0.06	0.05	57				
5	7	66	1700																		
			60000.	29.2	20.0	9.0	4.0	370	33	29.0	0.48	0.22	0.26	1.05	0.25	0.10	52				
20	7	66	1630																		
			27000.	45.7	19.5	9.0	2.8	412	70	48.0	0.50	0.30	0.23	1.10	0.07	0.02	48				
9	8	66	1745																		
			4600.		26.0	10.0	5.4	312	28	23.0	0.34	0.02	0.08	0.90	0.03	0.00	54				
22	8	66	1750																		
			150000.		20.0	7.0	6.8	592	350	480.0	1.80	1.60	0.36	1.40	0.06	0.15	33				
3	9	66	1750																		
			11300.		19.0	7.0	3.8	366	36	31.0	0.56	0.14	0.16	0.91	0.01	0.10	42				
23	9	66	1730																		
			86000.		16.5	6.0	2.8	396	27		0.52	0.34	0.40		0.07	0.40	1				

NO. SAMPLES	9	5	9	9	9	9	9	7	7	9	9	9	8	9	9	9
MAXIMUM	150000.	735.0	26.0	13.0	6.8	700	350	480.0	634	1.80	1.60	0.85	2.20	0.25	0.60	189
MINIMUM	810.	29.2	1.0	6.0	2.0	312	27	23.0	331	0.16	0.02	0.08	0.90	0.01	0.00	1
AVERAGE	38857.	243.7	16.6	9.0	4.2	452	96	108.6	481	0.77	0.46	0.33	1.26	0.07	0.21	58
MEDIAN	11300.															
MAXIMUM KILOTONS/YEAR				8.69	4.64	313.	101.4			0.826	0.236	0.616	1.59	0.022	0.435	65.56
MINIMUM KILOTONS/YEAR				0.26	0.12	11.	0.9			0.014	0.006	0.007	0.03	0.003	0.001	1.50
AVERAGE KILOTONS/YEAR				2.86	1.16	123.	29.2			0.199	0.102	0.147	0.42	0.008	0.123	21.29

RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- H

LOCATION CODE: 06-0083-02-001

STREAM- HUMBER RIVER

SAMPLE POINT DESCRIPTION- LAKESHORE ROAD

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
5 7 66	1700	0.												
20 7 66	1630	0.												
9 8 66	1745	4.												
22 8 66	1750	6.												
3 9 66	1750	4.												
23 9 66	1730	4.												

NO. SAMPLES 6

MAXIMUM	6.
MINIMUM	0.
AVERAGE	3.

MAXIMUM KTONS/YR	0.00000
MINIMUM KTONS/YR	0.00000
AVERAGE KTONS/YR	0.00000

RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- HW 14.8

LOCATION CODE: 06-0083-02-002

STREAM- HUMBER RIVER

SAMPLE POINT DESCRIPTION- CLAIRVILLE DAM OUTLET

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21	6 66 1455	40.		22.5	10.0	2.3	400	13				0.02	0.02	0.78	0.00	0.20	34				
21	7 66 1245	1200.		21.0	8.0	2.8	440	41	36.0	580	0.26	0.04	0.03	0.40	0.00	0.02	34				
23	8 66 1320	21000.		18.5	7.0	2.6	454	40	43.0	599	0.22	0.12	0.66	1.50	0.01	0.00	39				
23	9 66 1330	19000.		17.0	9.0	3.2	454	60	48.0		0.40	0.08	0.33	1.65	0.00	0.05	42				

NO. SAMPLES	4	4	4	4	4	4	3	2	3	4	4	4	4	4	4
MAXIMUM	21000.	22.5	10.0	3.2	454	60	48.0	599	0.40	0.12	0.66	1.65	0.01	0.20	42
MINIMUM	40.	17.0	7.0	2.3	400	13	36.0	580	0.22	0.02	0.02	0.40	0.00	0.00	34
AVERAGE	10310.	19.7	8.5	2.7	437	38	42.3	589	0.29	0.06	0.26	1.08	0.00	0.07	37
MEDIAN	10100.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- H 16.6

LOCATION CODE: 06-0083-02-003

STREAM- HUMBER RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO.7

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLORIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 11 65	920.		2.5	11.0	1.3			38.0	475	0.20	0.12	0.00	0.60	0.02	0.15	27	276	219	0.92	8.4
7 3 66	11000.		0.5	12.0	2.0	422	120	23.0	383	0.52	0.22	0.26	1.10	0.01	0.17	19	200	160	3.05	8.0
4 4 66	60.		3.7	11.0	3.2	504	94	50.0	546	0.16	0.04	0.53	0.71	0.03	0.00	44				
5 5 66	7000.		8.0	12.0	2.6	322	15	8.5	481	0.16	0.01	0.03	0.33	0.01	0.05	25	250	207	0.55	8.4
21 6 66 1400	232.		22.0	11.0	1.8	342	19					0.10	0.46	0.02	0.15	17				
21 7 66 1320	2400.		19.0	9.0	0.6	276	28	21.0		0.10	0.02	0.02	0.13	0.00	0.00	14				
23 8 66 1355	290.		18.0	9.0	0.6	332	15	13.0	436	0.18	0.10	0.12	0.26	0.01	0.00	12				
23 9 66 1355	121000.		14.0	11.0	1.2			16.0		0.14	0.06	0.02	0.84	0.00		16				

NO. SAMPLES	8	8	8	8	6	6	7	5	7	7	8	8	8	7	8	3	3	3	3
MAXIMUM	121000.	22.0	12.0	3.2	504	120	50.0	546	0.52	0.22	0.53	1.10	0.03	0.17	44	276	219	3.05	8.4
MINIMUM	60.	0.5	9.0	0.6	276	15	8.5	383	0.10	0.01	0.00	0.13	0.00	0.00	12	200	160	0.55	8.0
AVERAGE	17863.	11.0	10.7	1.7	366	48	24.2	464	0.21	0.08	0.13	0.55	0.01	0.07	21	242	195	1.51	8.3
MEDIAN	1660.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- HE 17.5

LOCATION CODE: 06-0083-02-004

STREAM- HUMBER RIVER

SAMPLE POINT DESCRIPTION- PINEGROVE ROAD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 11 65	1530			4.0	12.0	1.2		9	11.0	620	0.12	0.08	0.00	0.65	0.00	0.25	51				
4 3 66	1700	5000.		3.0	11.0																
21 6 66	1425	4.		22.0	10.0	1.4	368	1				0.06	0.05	0.40	0.00	0.20	33				
21 7 66	1325	900.		18.0	9.0	1.0	290	11	10.0		0.00	0.00	0.02	0.20	0.00	0.00	14				
23 8 66	1430	150.		18.0	9.0	1.2	346	15	4.5	476	0.06	0.01	0.05	0.07	0.01	0.00	12				
23 9 66	1425	210.		15.0	10.0	1.0	308	6	3.6		0.02	0.00	0.02	0.13	0.40	0.02	12				

NO. SAMPLES	5	6	6	5	4	5	4	2	4	5	5	5	5	5	5
MAXIMUM	5000.	22.0	12.0	1.4	368	15	11.0	620	0.12	0.08	0.05	0.65	0.40	0.25	51
MINIMUM	4.	3.0	9.0	1.0	290	1	3.6	476	0.00	0.00	0.00	0.07	0.00	0.00	12
AVERAGE	1253.	13.3	10.2	1.2	328	8	7.3	548	0.05	0.03	0.03	0.29	0.08	0.09	24
MEDIAN	210.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- H 32.6

LOCATION CODE: 06-0083-02-005

STREAM- HUMBER RIVER

SAMPLE POINT DESCRIPTION- YORK PEEL COUNTY LINE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 11 65	400.		2.5	11.0	1.3			12.0	410	0.24	0.12	0.00	0.40	0.01	0.12	11	256	207	0.51	8.5
7 3 66	23000.		0.5	12.0	3.2	298	45	10.5	388	0.48	0.22	0.26	0.58	0.01	0.15	12	200	181	0.96	8.0
4 4 66	8000.			10.0	3.4	332	45	36.0	441	0.16	0.06	0.03	0.40	0.00	0.00	16				
5 5 66	330.		7.0	11.0	1.9	290	15	3.6	436	0.06	0.06	0.03	0.20	0.01	0.05	12	200	205	0.30	8.3
21 6 66 1530	37000.		22.0	9.0	2.6	310	18					0.30	0.90	0.01	0.20	24				
21 7 66 1200	7400.		18.0	7.0	1.8	258	50	40.0	378	0.52	0.32	0.18	0.20	0.02	0.02	11				
23 8 66 1245	116000.		17.5	7.0	2.0	314	24	13.0	407	0.28	0.14	0.02	3.30	0.01	0.00	11				
23 9 66 1230	80000.		14.0	6.0	1.4	318	34		21	0.22	0.16	0.33	0.55	0.01	0.03	13				

NO. SAMPLES	8	7	8	8	7	7	6	7	7	7	8	8	8	8	8	3	3	3	3
MAXIMUM	116000.	22.0	12.0	3.4	332	50	40.0	441	0.52	0.32	0.33	3.30	0.02	0.20	24	256	207	0.96	8.5
MINIMUM	330.	0.5	6.0	1.3	258	15	3.6	21	0.06	0.06	0.00	0.20	0.00	0.00	11	200	181	0.30	8.0
AVERAGE	34016.	11.6	9.1	2.2	302	33	19.2	354	0.28	0.15	0.14	0.82	0.01	0.07	13	218	197	0.59	8.3
MEDIAN	15500.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- HET 22.3

LOCATION CODE: 06-0083-02-006

STREAM- HUMBER R.,TRIB

SAMPLE POINT DESCRIPTION- TESTON SIDE ROAD, CONC.5

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 11 65	1430	50.		6.0	10.0	1.8		6	9.0	790	0.20	0.12	0.53	1.20	0.02	0.35	111				
4 3 66	1545	9000.		2.0	12.0	2.6	308	15	26.0	459	0.38	0.16	0.85	1.60	0.02	0.60	35				
16 8 66		190.				0.9		3		569	0.06	0.02	0.05	0.07	0.02	0.15					

NO.SAMPLES	3	2	2	3	1	3	2	3	3	3	3	3	3	3	3	2
MAXIMUM	9000.	6.0	12.0	2.6	308	15	26.0	790	0.38	0.16	0.85	1.60	0.02	0.60	111	
MINIMUM	50.	2.0	10.0	0.9	308	3	9.0	459	0.06	0.02	0.05	0.07	0.02	0.15	35	
AVERAGE	3080.	4.0	11.0	1.8	308	8	17.5	606	0.21	0.10	0.48	0.96	0.02	0.37	73	
MEDIAN	190.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- HUMBER RIVER      STREAM MILEAGE- HET 23.8      LOCATION CODE: 06-0083-02-007

STREAM- HUMBER R.,TRIB      SAMPLE POINT DESCRIPTION- SIDE ROAD NO.31, CONC.5

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
4	3	66		13000.		2.0	12.0	4.0	306	15	9.5	462	0.40	0.20	1.18	2.10	0.02	0.60	36		
16	8	66		25000.		18.5	3.2	1.4		20		548	0.20	0.12	0.12	0.46	0.01	0.00			

NO. SAMPLES	2	2	2	2	1	2	1	2	2	2	2	2	2	2	1
MAXIMUM	25000.	18.5	12.0	4.0	306	20	9.5	548	0.40	0.20	1.18	2.10	0.02	0.60	36
MINIMUM	13000.	2.0	3.2	1.4	306	15	9.5	462	0.20	0.12	0.12	0.46	0.01	0.00	36
AVERAGE	19000.	10.2	7.6	2.7	306	17	9.5	505	0.30	0.16	0.65	1.28	0.01	0.30	36
MEDIAN	19000.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR



RIVER BASIN- HUMBER RIVER

STREAM MILEAGE- H 8.4

LOCATION CODE: 06-0083-02-008

STREAM- HUMBER RIVER

SAMPLE POINT DESCRIPTION- AT O.W.R.C. LABORATORY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHQ	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
7 10 65		350.				1.4	320	34	34.0								17	234	202	1.20	8.1
13 10 65						1.4	332	52	29.0								18	238	201	1.40	8.1
21 10 65						0.8	320	19	34.0								20	240	197	1.10	8.2
3 11 65						2.0	324	30	24.0								29	264	208	1.38	8.1
10 11 65						0.6	338	14	10.0								25	258	208	0.77	8.2
17 11 65						2.8	568	199	210.0								34	248	195	7.70	6.5
24 11 65						2.0	478	36	48.0								40	288	221	7.70	8.3
27 11 65						2.6	404	113	77.0								32	224	179	4.30	7.9
1 12 65		19000.				4.0	468	94	50.0								32	266	192	3.70	7.3
8 12 65		730.				1.8	456	20	27.0								34	294	219	1.80	8.1
15 12 65		14000.				1.6	504	67	38.0								44	290	209	2.75	7.8
17 1 66		220.				2.0	420	27	41.0								45	340	257	1.26	8.1

NO. SAMPLES	5					12	12	12	12								12	12	12	12	12
MAXIMUM	19000.					4.0	568	199	210.0								45	340	257	7.70	8.3
MINIMUM	220.					0.6	320	14	10.0								17	224	179	0.77	6.5
AVERAGE	6860.					1.9	411	58	51.8								30	265	207	2.92	7.9
MEDIAN	730.																				

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- DON RIVER

STREAM MILEAGE- D 0.1

LOCATION CODE: 06-0085-02-001

STREAM- DON RIVER

SAMPLE POINT DESCRIPTION- LAKESHORE ROAD TORONTO

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		50.	93.6	8.5	9.0	7.8		25	29.0	940	4.50	3.60	2.62	4.10	0.10	1.25	113	380	260	1.02	8.0
7 3 66		14000.	162.0	0.5	9.0	3.0	616	20	21.0	891	2.40	1.60	2.62	4.10	0.08	0.22	169	320	219	1.65	7.8
5 5 66		28000.	87.0	15.0	9.0	8.8	584	19	18.0	1010	3.10	2.42	5.74	8.10	0.11	0.24	125	350	252	1.16	8.0
22 6 66	1800	119000.		22.0	6.0	36.0	626	43		970	8.60	6.60	3.78	6.60	0.90	0.00	113			0.67	
5 7 66	1620	61000000.		24.5	3.0	15.0	592	23	21.0	913	7.40	2.60	4.92	7.30	0.06	3.00	107			1.61	
20 7 66	1600	300000.	45.8	20.0	4.0	5.3	620	17	12.5	916	6.40	5.60	0.62		0.60	0.15	112			1.07	
9 8 66	1700	2300000.	49.2	27.0	3.0	13.0	520	16	17.0	825	8.50	8.40	3.28	5.40	0.50	0.60	90			0.90	
22 8 66	1650	123000.	70.0	20.0	6.0	7.2	462	131	95.0	560	3.00	2.80	1.64	3.10	0.10	0.50	74			4.25	
3 9 66	1715	730000.		18.0	5.0	21.0	500	32	36.0	791	9.60	9.60	3.28	7.30	0.50	0.50	89			1.75	
23 9 66	1700	6000000.		16.5	5.0	11.0	542	270	160.0	463	3.10	1.22	2.62	7.00	0.04	0.30	68			5.75	

NO. SAMPLES	10	6	10	10	10	9	10	9	10	10	10	10	10	9	10	10	10	3	3	10	3
MAXIMUM	61000000.	162.0	27.0	9.0	36.0	626	270	160.0	1010	9.60	9.60	5.74	8.10	0.90	3.00	169	380	260	5.75	8.0	
MINIMUM	50.	45.8	0.5	3.0	3.0	462	16	12.5	463	2.40	1.22	0.62	3.10	0.04	0.00	68	320	219	0.67	7.8	
AVERAGE	7061405.	84.6	17.2	5.9	12.8	562	59	45.5	827	5.66	4.44	3.11	5.89	0.30	0.68	106	350	243	1.98	7.9	
MEDIAN	211500.																				
MAXIMUM KILOTONS/YEAR				1.44	0.75	98.	9.0			0.415	0.407	0.492	0.69	0.027	0.115	26.98	51.	35.	0.293		
MINIMUM KILOTONS/YEAR				0.15	0.24	25.	0.8			0.207	0.193	0.028	0.21	0.007	0.007	4.36	30.	22.	0.044		
AVERAGE KILOTONS/YEAR				0.63	0.55	47.	3.0			0.329	0.275	0.242	0.44	0.015	0.040	10.44	39.	27.	0.140		

RIVER BASIN- DON RIVER

STREAM MILEAGE- D 0.1

LOCATION CODE: 06-0085-02-001

STREAM- DON RIVER

SAMPLE POINT DESCRIPTION- LAKESHORE ROAD TORONTO

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
26 10 65		10.												
22 6 66	1800	2.												
5 7 66	1620	6.												
20 7 66	1600	8.												
9 8 66	1700	8.												
22 8 66	1650	8.												
3 9 66	1715	4.												
23 9 66	1700	12.												

NO. SAMPLES 8

MAXIMUM	12.
MINIMUM	2.
AVERAGE	7.

MAXIMUM KTONS/YR 0.00092

MINIMUM KTONS/YR 0.00036

AVERAGE KTONS/YR 0.00056

RIVER BASIN- DON RIVER WEST

STREAM MILEAGE- DW 13.8

LOCATION CODE: 06-0085-02-002

STREAM- DON RIVER WEST

SAMPLE POINT DESCRIPTION- SHEPPARD AVE TOWNSHIP OF YORK

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 10 65	36000.		9.5	10.0	11.0		500	500.0	500	2.00	1.10	0.40	1.30	0.04	0.56	65	216	149	15.00	7.8
5 5 66	4700.		11.0	12.0	3.6	800		120.0	895	1.76	0.21	0.36	1.70	0.04	0.28	108	310	101	19.00	8.3
21 6 66 1620	760.		24.0	11.0	4.8	648	12		980	1.04	0.70	0.20	1.05	0.20	0.50	112				
21 7 66 1450	370.		18.0	11.0	1.8	560	30	7.0		0.16	0.06	0.05	1.05	0.01	0.00	87				
23 8 66 1555	14000.		19.0	11.0	2.0	678	15	8.0	1000	0.58	0.44	0.02	0.84	0.07	0.70	148				
23 9 66 1550	90000.		16.5	9.0	2.8	712	116	77.0	900	0.76	0.36	0.60	1.65	0.01	0.50	140				

NO. SAMPLES	6	6	6	5	5	5	5	6	6	6	6	6	6	6	6	2	2	2	2
MAXIMUM	90000.	24.0	12.0	11.0	800	500	500.0	1000	2.00	1.10	0.60	1.70	0.20	0.70	148	310	149	19.00	8.3
MINIMUM	370.	9.5	9.0	1.8	560	12	7.0	500	0.16	0.06	0.02	0.84	0.01	0.00	65	216	101	15.00	7.8
AVERAGE	24305.	16.3	10.7	4.3	679	134	142.4	855	1.05	0.48	0.27	1.26	0.06	0.42	110	263	125	17.00	8.0
MEDIAN	9350.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- DON RIVER EAST

STREAM MILEAGE- DE 17.2

LOCATION CODE: 06-0085-02-003

STREAM- DON RIVER EAST

SAMPLE POINT DESCRIPTION- BAYVIEW &amp; STEELES AVE. %TORONTO&lt;

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
8	2	66				1.0	462	15	6.0	620	0.28	0.22	0.46	0.71	0.10	0.40	46				
28	2	66				2.4	438	12	4.5	657	0.50	0.09	0.20	0.58	0.01	0.30	8				
9	3	66		0.0	12.0	2.0	478	15	10.0	737	0.34	0.22	0.13	0.78	0.01	0.44	63				7.7
5	5	66		9.0	11.0	3.6	473	42	27.0	666	0.30	0.00	0.02	0.33	0.02	0.05	60	310	242	2.21	8.3
21	6	66	1900	22.0	10.0	3.4	798	36		745	0.60	0.58	0.40	0.84	0.10	0.25	53				
21	7	66	1530	19.5	10.0	2.2	442	48			0.12	0.10	0.12	1.60	0.01	0.06	47				
23	8	66	1645	18.5	7.0	1.4	388	19	11.5	599	0.20	0.12	0.02	0.50	0.16	0.12	35				
23	9	66	1630	15.0	10.0	1.8			26.0		0.30	0.14	0.26	0.90	0.55		37				

NO. SAMPLES	8	6	6	8	7	7	6	6	8	8	8	8	8	7	8	1	1	1	2
MAXIMUM	9500.	22.0	12.0	3.6	798	48	27.0	745	0.60	0.58	0.46	1.60	0.55	0.44	63	310	242	2.21	8.3
MINIMUM	100.	0.0	7.0	1.0	388	12	4.5	599	0.12	0.00	0.02	0.33	0.01	0.05	8	310	242	2.21	7.7
AVERAGE	3625.	14.0	10.0	2.2	497	26	14.2	670	0.33	0.18	0.20	0.78	0.12	0.23	43	310	242	2.21	8.0
MEDIAN	955.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- DON RIVER WEST

STREAM MILEAGE- DW 19.8

LOCATION CODE: 06-0085-02-004

STREAM- DON RIVER WEST

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 7

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
23 9 66	1515	4.												

NO. SAMPLES	1
MAXIMUM	4.
MINIMUM	4.
AVERAGE	4.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 22.1

LOCATION CODE: 06-0085-02-005

STREAM- GERMAN MILLS CR

SAMPLE POINT DESCRIPTION- SIXTEENTH AVE., TWP. OF MARKHAM

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65	100.				6.8	818	14			20.00	15.00	7.38	10.50	0.50	0.80					
29 11 65	72.																			
2 12 65	12.				20.0	624	24			22.00	11.00	7.38	11.00	0.15	1.80					
31 1 66	4.				2.6	696	11			17.00	13.40	24.60	29.70	0.25	0.14					
22 2 66	0.																			
28 2 66	10.				6.0	740	15	5.0	1139	10.40	5.40	23.00	*****	0.08	0.00	6				
24 3 66	16.				7.2	754	25			10.00	4.20	5.80	9.90	0.10	0.46					
21 4 66	236.				8.2	736	10			15.40	13.40	16.40	25.00	0.20	0.00					
31 5 66	6000.				1.4	786	8			36.50	24.00	14.80	23.00	0.66	0.00					
28 6 66	4700.				16.0	778	6			30.50	24.00	9.84	18.50	0.50	0.75					
14 7 66					7.0	682	12			22.80	20.00	14.80	23.50	0.90	0.40					
24 8 66	126000.				5.8	824	6			23.00	20.50			0.55	3.25					
27 9 66	4.				7.0	740	6			18.80	18.60	4.92	12.00	0.20	3.00					

NO. SAMPLES	12	11	11	11	1	1	11	11	10	10	11	11	1
MAXIMUM	126000.	20.0	824	25	5.0	1139	36.50	24.00	24.60	*****	0.90	3.25	6
MINIMUM	0.	1.4	624	6	5.0	1139	10.00	4.20	4.92	9.90	0.08	0.00	6
AVERAGE	11429.	8.0	743	12	5.0	1139	20.58	15.41	12.89	61.61	0.37	0.96	6
MEDIAN	44.												

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 23.1

LOCATION CODE: 06-0085-02-006

STREAM- GERMAN MILLS CR

SAMPLE POINT DESCRIPTION- ELMWOOD

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DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65		300.				6.6	714	18			16.00	15.00	3.61	6.10	1.00	2.20					
29 11 65		8.																			
21 12 65		4.				10.0	592	25			21.00	10.00	7.38	*****		1.10					
17 1 66		0.				27.0	858	44			19.80					0.00					
26 1 66	1300	0.				8.4	842	19			23.00					0.28					
26 1 66	2100	0.				14.0	762	22			31.50					0.22					
27 1 66	1300	0.				1.2	768	15			26.00					0.40					
28 1 66	0500					14.0	780	14			29.00					0.28					
31 1 66		0.				4.2	660	11			8.80	6.40	16.40	26.40	0.12	0.12					
23 3 66		8.				15.0	902	116			14.00	4.40	7.38	17.50	0.08	0.46					
21 4 66		4.				14.0	780	21			5.20	5.10	18.00	25.00	0.30	0.14					
31 5 66		18.				24.0	722	23			30.50	24.00	9.84	18.00	1.70	0.00					
28 6 66		4.				7.6	770	8			26.50	20.80	9.84	16.00	0.60	1.00					
14 7 66						2.4	648	16			17.60	17.40	9.02		1.00	0.80					
24 8 66		0.				7.8	740	11			19.20	14.20	1.64	3.50	0.10	11.30					
27 9 66		4.				0.6	708	9			19.80	19.40	6.56	12.00	0.08	5.00					

NO. SAMPLES	14		15	15	15		15	10	10	9	9	15
MAXIMUM	300.		27.0	902	116		31.50	24.00	18.00	*****	1.70	11.30
MINIMUM	0.		0.6	592	8		5.20	4.40	1.64	3.50	0.08	0.00
AVERAGE	25.		10.5	749	24		20.53	13.67	8.97	27.17	0.55	1.55
MEDIAN	4.											

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 23.1

LOCATION CODE: 06-0085-02-006

STREAM- GERMAN MILLS CR

SAMPLE POINT DESCRIPTION- ELMWOOD

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DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
17	1 66		5.3											
26	1 66 1300		5.8											
26	1 66 2100		5.8											
27	1 66 1300		5.7											
28	1 66 0500		6.0											

NO. SAMPLES	5
MAXIMUM	6.0
MINIMUM	5.3
AVERAGE	5.7

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 23.2

LOCATION CODE: 06-0085-02-007

STREAM- GERMAN MILLS CR

SAMPLE POINT DESCRIPTION- RICHMOND HILL

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DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65 1300					14.0	712	16			20.00	14.00	7.22	10.50	1.40	4.00					
28 10 65 2100					6.2	726	18			20.00	11.00	5.58	11.00	1.20	4.00					
29 11 65	4.																			
21 12 65	4.																			
17 1 66	20.				32.0	846	40			20.00					0.00					
26 1 66 1300	0.				24.0	722	34			24.00					0.28					
27 1 66 2100	4.				16.0	722	40			33.00					0.26					
28 1 66 1300	2.				23.0	796	43			26.00					0.45					
28 1 66 0500					14.0	736	30			31.50					0.30					
31 1 66	4.				12.0	610	9			10.00	7.60	16.40	25.00	0.16	0.14					
31 1 66	4.				14.0	644	11			14.00	7.40	14.80	25.00	0.18	0.12					
22 2 66	8.																			
23 3 66	40.																			
28 6 66	0.																			
24 8 66	16.																			
23 9 66	4.																			

NO. SAMPLES	13	9	9	9	9	4	4	4	4	4	9
MAXIMUM	40.	32.0	846	43	33.00	14.00	16.40	25.00	1.40	4.00	
MINIMUM	0.	6.2	610	9	10.00	7.40	5.58	10.50	0.16	0.00	
AVERAGE	8.	17.2	723	26	22.06	10.00	11.00	17.87	0.73	1.06	
MEDIAN	4.										

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 23.2

LOCATION CODE: 06-0085-02-007

STREAM- GERMAN MILLS CR

SAMPLE POINT DESCRIPTION- RICHMOND HILL

\*\*\*

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
26	1 66	1300	4.6											
27	1 66	2100	6.0											
28	1 66	1300	4.4											
28	1 66	0500	6.0											

NO. SAMPLES

4

MAXIMUM

6.0

MINIMUM

4.4

AVERAGE

5.2

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 23.6

LOCATION CODE: 06-0085-02-008

STREAM- GERMAN MILLS CR

SAMPLE POINT DESCRIPTION- MARKHAM ROAD

\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	1 66	51000.				32.0	1850	34			5.20						0.00				
26	1 66 1300	46000.				14.0	1796	18			4.40						0.04				
26	1 66 2100	150000.				11.0	1934	23			5.20						0.30				
27	1 66 1300	320000.				24.0	1918	14			7.40						0.24				
28	1 66 0500					22.0	1784	15			5.50						0.40				

NO. SAMPLES

4

5

5

5

5

5

MAXIMUM 320000.  
 MINIMUM 46000.  
 AVERAGE 141750.  
 MEDIAN 100500.

32.0 1934 34  
 11.0 1784 14  
 20.6 1856 20

7.40  
 4.40  
 5.54

0.40  
 0.00  
 0.20

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 23.8

LOCATION CODE: 06-0085-02-009

STREAM- GERMAN MILLS

SAMPLE POINT DESCRIPTION- ROSEVIEW AVENUE

\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65		0.				11.0	1454	30			4.00	1.00	0.46	0.73	0.06	0.18					
29 11 65		4000.																			
2 12 65		13800.				8.4	1332	28			3.20	1.50	0.72	40.00		1.10					
31 1 66		49000.				16.0	2866	50			6.00	2.56	0.05	1.40	0.12	0.00					
23 3 66		13400.				5.2	886	94			1.18	0.28	0.53	1.40	0.04	0.60					
21 4 66		6800.				3.0	982	10			1.90	0.38	0.16	1.00	0.04	0.30					
31 5 66		60000.				2.4	1430	9	1421		3.80	1.80	0.20	0.71	0.02	0.00					
28 6 66		141000.				4.8		11			4.90	3.04	0.05	0.71	0.02	0.00					
14 7 66						2.4	1026	22			2.80	2.70	0.05	0.26	0.03	0.02					
24 8 66		32000.				7.0	1150	5			1.52	1.50	0.23	0.40	0.06	0.14					
27 9 66		100000.				2.4	1294	6			5.00	4.00	0.16	0.50	0.02	0.25					

NO.SAMPLES

10

10

9

10

1

10

10

10

10

10

9

10

MAXIMUM

141000.

16.0 2866

94

1421

6.00

4.00

0.72

40.00

0.12

1.10

MINIMUM

0.

2.4 886

5

1421

1.18

0.28

0.05

0.26

0.02

0.00

AVERAGE

42000.

6.3 1380

26

1421

3.43

1.88

0.26

4.71

0.05

0.26

MEDIAN

22900.

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 22.6

LOCATION CODE: 06-0085-02-010

STREAM- GERMAN MILLS

SAMPLE POINT DESCRIPTION- AT OBSERVATORY LANE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 10 65	520.		12.0	7.0	24.0		78	48.0	830	6.00	5.50	5.90	5.30	0.50	3.00	99	396	234	1.00	7.6
28 10 65	100.				6.4	726	18			19.00	15.00	4.92	10.00	0.60	1.10					
29 11 65	0.																			
2 12 65	0.				16.0	548	23			17.00	12.00	6.56	11.00	0.10	1.50					
31 1 66	0.				4.2	700	12			14.00	11.60	23.00	29.70	0.20	0.16					
8 2 66			4.0	8.0	14.0	828	46	27.0		19.60	16.50	7.38	36.30	0.16	0.00	143				
22 2 66	0.																			
24 3 66	4.				9.6	806	33			11.80	4.40	6.56	13.00	0.05	0.40					
21 4 66	16.				8.4	764	11			6.40	5.95	16.40	22.00	0.14	0.16					
31 5 66	2300.				14.0	764	8	14.0		26.00	23.50	13.20	21.00	1.30	0.00					
21 6 66 1810	7500.	1.5	23.0	7.0	11.0	788	10	9.0	1345	17.40	17.40	12.60	17.00	2.00	0.30	142				
28 6 66	36000.				10.8	752	7			24.50	23.20	8.20	18.20	0.60	0.75					
14 7 66					7.8	684	30			21.80	20.00	13.90		1.20	0.60					
21 7 66 1455	4300.	1.3	18.0	7.0	8.0	724	28	16.0		15.80	15.60	6.56		1.00	4.60	106				
23 8 66 1720	44000.	1.2	20.0	4.0	4.2	772	17	9.0	1125	26.00	20.40	0.02	6.25	0.20	5.00	138				
24 8 66	22000.				4.2	708	6			21.00	18.50		4.95	0.60	5.00					
23 9 66 1725	75000.	1.6	18.0	5.0	8.6	716	38	20.0	1030	12.80	12.60	3.28	6.45	0.55	2.20	128				
27 9 66	4.				3.6	718	6			18.60	8.40		12.00	0.20	2.00					
NO. SAMPLES	16	4	6	6	16	15	16	7	4	16	16	14	14	16	16	6	1	1	1	1
MAXIMUM	75000.	1.6	23.0	8.0	24.0	828	78	48.0	1345	26.00	23.50	23.00	36.30	2.00	5.00	143	396	234	1.00	7.6
MINIMUM	0.	1.2	4.0	4.0	3.6	548	6	9.0	830	6.00	4.40	0.02	4.95	0.05	0.00	99	396	234	1.00	7.6
AVERAGE	11984.	1.4	15.8	6.3	9.7	733	23	20.4	1082	17.36	14.41	9.18	15.22	0.59	1.67	126	396	234	1.00	7.6
MEDIAN	310.																			
MAXIMUM KILOTONS/YEAR				0.01	0.02	1.	0.1			0.031	0.026	0.019	0.03	0.003	0.006	0.21				
MINIMUM KILOTONS/YEAR				0.00	0.00	1.	0.0			0.020	0.020	0.000	0.01	0.000	0.000	0.14				
AVERAGE KILOTONS/YEAR				0.01	0.01	1.	0.0			0.024	0.022	0.008	0.01	0.001	0.004	0.18				

RIVER BASIN- DON RIVER

STREAM MILEAGE- DEG 21.0

LOCATION CODE: 06-0085-02-011

STREAM- GERMAN MILLS

SAMPLE POINT DESCRIPTION- AT BAYVIEW AVENUE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 10 65		5800.				7.4	754	15			17.00	15.00	6.56	11.00	0.50	0.90					
29 11 65		8500.																			
21 12 65		8.				14.0	618	19			17.50	12.00	8.20	*****							
31 1 66		0.				3.6	716	15			14.80	11.60	19.70	31.40	0.30	0.16					
22 2 66		4.																			
23 3 66		24.				7.8	744	22			10.20	4.10	5.80	9.90	0.10	0.30					
21 4 66		7100.				8.6	470	12			10.60	7.80	9.84	15.00	0.06	0.12					
31 5 66		18000.				12.0	730	9			32.50	23.50	13.20	23.00	0.66	0.00					
28 6 66		6100.				21.0	760	8			31.50	23.50	9.02	18.50	0.50	0.75					
14 7 66						14.0							14.80		1.00						
24 8 66		79000.				13.0	806	14			22.00	20.00		3.30	0.80	5.75					
27 9 66		4.				9.6	694	18			18.30	18.20		8.30	0.10	3.75					

NO. SAMPLES

11

10

9

9

9

9

8

9

9

8

MAXIMUM

79000.

21.0

806

22

32.50

23.50

19.70

\*\*\*\*\*

1.00

5.75

MINIMUM

0.

3.6

470

8

10.20

4.10

5.80

3.30

0.06

0.00

AVERAGE

11322.

11.1

699

14

19.38

15.08

10.89

30.04

0.45

1.47

MEDIAN

5800.

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- HIGHLAND CREEK

STREAM MILEAGE- H 0.1

LOCATION CODE: 06-0094-02-001

STREAM- HIGHLAND CREEK

SAMPLE POINT DESCRIPTION- HIGHLANDS S.T.P.

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65	110.	20.9	10.0	8.0	1.2		22	32.0	980	9.20	6.40	4.10	7.30	0.60	0.60	129	352	252	0.61	7.9
7 2 66	19000.	14.2	0.0	11.0	2.0	766	32	12.5		0.44	0.13	0.78	0.98	0.02	0.40	176	370			
3 5 66	250.	15.8	6.0	15.0	2.2	622	15	8.5	902	0.18	0.03	0.21	0.58	0.03	0.22	153	360	213	1.01	8.0
22 6 66 1715	202.		20.0	10.0	9.8	592	39		946	12.80	10.00	8.20	14.50	0.05	0.00	120				
5 7 66 1450	8.		20.0	11.0	6.3	580	27	32.0	925	14.00	14.00	8.20	16.00	0.04	0.00	113	248			
20 7 66 1505	150000.	8.8	18.5	10.0	0.8		34	20.0	963	6.60	6.00	8.86	9.20	0.20	0.10	135	220			
9 8 66 1545	3460.	11.1	22.5	8.0	6.0	534	39	31.0	814	20.50	20.00	2.96	5.90	1.20	1.08	103	200			
22 8 66 1540	50.	15.2	20.0	11.0	4.4	554	69	84.0	805	12.60	12.20	2.96	6.00	0.44	2.00	117	192			
3 9 66 1615	100.		18.0	10.0	4.8	520	10	9.0	876	13.60	13.20	3.28	7.40	0.50	0.80	121	222			
23 9 66 1555	890000.		17.0	8.0	17.0	1654	1046	450.0	680	3.56	1.30	5.25	16.50	0.06	0.40	51	168			

NO. SAMPLES	10	6	10	10	10	8	10	9	9	10	10	10	10	10	10	10	9	2	2	2
MAXIMUM	890000.	20.9	22.5	15.0	17.0	1654	1046	450.0	980	20.50	20.00	8.86	16.50	1.20	2.00	176	370	252	1.01	8.0
MINIMUM	8.	8.8	0.0	8.0	0.8	520	10	8.5	680	0.18	0.03	0.21	0.58	0.02	0.00	51	168	213	0.61	7.9
AVERAGE	106318.	14.3	15.2	10.2	5.4	727	133	75.4	876	9.35	8.33	4.48	8.44	0.31	0.56	121	259	232	0.81	7.9
MEDIAN	226.																			
MAXIMUM KILOTONS/YEAR					0.23	0.07	11.	1.0		0.224	0.219	0.084	0.15	0.013	0.030	2.66	7.	5.	0.016	
MINIMUM KILOTONS/YEAR					0.09	0.01	6.	0.2		0.003	0.000	0.003	0.01	0.000	0.001	1.13	2.	3.	0.013	
AVERAGE KILOTONS/YEAR					0.15	0.04	9.	0.5		0.111	0.098	0.042	0.07	0.006	0.011	1.93	4.	4.	0.014	



RIVER BASIN- ROUGE RIVER

STREAM MILEAGE- R 0.1

LOCATION CODE: 06-0097-02-001

STREAM- ROUGE RIVER

SAMPLE POINT DESCRIPTION- R/R TRESTLE, FERGUSON'S BEACH

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		560.	69.6	7.5	11.0	2.2		23	34.0	630	0.28	0.12	0.10	0.90	0.05	1.25	47	342	243	0.90	8.2
7 2 66		34.	33.0	0.0	13.5	1.0	464	15	6.5	611	0.42	0.36	0.60	0.98	0.02	0.75	36				
3 5 66		50.	43.6	0.0	13.0	2.6	414	30	23.0	622	0.18	0.30	0.05	0.52	0.02	0.11	42	276	203	0.98	8.4
22 6 66	1830	1400.		24.0	12.0	1.6	388	45		543	0.36	0.02	0.08	1.45	0.00	0.00	41				
5 7 66	1520	5000.		27.0	7.0	5.2	392	42	24.0	533	0.44	0.12	0.12	1.05	0.01	0.00	47				
20 7 66	1430	280.	5.3	23.0	8.0	2.6	394	33	38.0	554	0.36	0.02	0.33	0.52	0.00	0.02	48				
9 8 66	1450	1000.	5.5	26.0	7.0	1.1	334	21	13.5	560	0.44	0.22	0.02	0.78	0.00	0.00	43				
22 8 66	1430	600.	14.7	22.0	6.0	4.4	328	29	18.0	486	0.42	0.18	0.06	0.52	0.01	0.02	52				
3 9 66	1540	460.		19.0	6.0	2.6	308	33	27.0	476	0.50	0.28	0.02	0.78	0.00	0.05	32				
23 9 66	1530	240.		16.0	8.0	2.0	296	22	24.0		0.38	0.18			0.01	0.00	69				

NO. SAMPLES	10	6	10	10	10	9	10	9	9	10	10	9	9	10	10	10	2	2	2	2
MAXIMUM	5000.	69.6	27.0	13.5	5.2	464	45	38.0	630	0.50	0.36	0.60	1.45	0.05	1.25	69	342	243	0.98	8.4
MINIMUM	34.	5.3	0.0	6.0	1.0	296	15	6.5	476	0.18	0.02	0.02	0.52	0.00	0.00	32	276	203	0.90	8.2
AVERAGE	962.	28.6	16.4	9.1	2.5	368	29	23.1	557	0.38	0.18	0.15	0.83	0.01	0.22	45	309	223	0.94	8.3
MEDIAN	510.																			
MAXIMUM KILOTONS/YEAR					0.75	0.15	18.	1.6		0.019	0.013	0.020	0.06	0.003	0.086	3.22	23.	17.	0.062	
MINIMUM KILOTONS/YEAR					0.04	0.01	2.	0.1		0.002	0.000	0.000	0.00	0.000	0.000	0.23	12.	9.	0.042	
AVERAGE KILOTONS/YEAR					0.32	0.06	8.	0.7		0.008	0.006	0.005	0.02	0.001	0.019	1.24	18.	13.	0.052	

RIVER BASIN- DUFFIN CREEK

STREAM MILEAGE- OF 1.8

LOCATION CODE: 06-0104-02-001

STREAM- DUFFIN CREEK

SAMPLE POINT DESCRIPTION- BASELINE RD, TWP OF PICKERING

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		260.	84.7	6.0	11.0	2.4		13	13.5	520	0.22	0.12	0.08	0.60	0.01	0.60	20	310	245	1.08	8.2
7 2 66		5000.	49.5	0.0	12.5	2.0	362	35	11.5		0.30	0.22	0.13	0.40	0.01	0.50	11				
3 5 66		100.	63.8	15.0	13.0	1.5	320	15	7.5	517	0.07	0.00	0.00	0.00	0.01	0.11	15	262	220	0.44	8.2
22 6 66	1500	100.	20.0	21.0	11.0	4.0	312				0.16	0.02	0.05	0.40	0.01	0.25	11				
5 7 66	1300	9000.	18.3	22.0	8.0	4.4	314	38	20.0	398	0.26	0.03	0.13	1.00	0.01	0.00	16				
20 7 66	1405	830.		18.5	9.0	2.3	270	35	31.0	375	0.22	0.04	0.06	0.71	0.00	0.00	11				
9 8 66	1415	1690.		24.0	7.0	32.0	726	31	21.0	1058	19.00	18.50	0.16	1.70	0.00	0.00	95				
22 8 66	1400	14000.	30.0	19.0	10.0	5.8	292	18	12.0	402	0.12	0.04	0.05	0.20	0.01	0.08	9				
3 9 66	1500	1620.		17.0	8.0	0.5	320	20	12.0	401	0.12	0.02	0.02	0.78	0.00	0.04	9				
23 9 66	1420	36000.		15.0	8.0	2.4	320	31			0.18	0.04	0.02		0.00	0.02	33				

NO. SAMPLES	10	6	10	10	10	9	9	8	7	10	10	10	9	10	10	10	2	2	2	2
MAXIMUM	36000.	84.7	24.0	13.0	32.0	726	38	31.0	1058	19.00	18.50	0.16	1.70	0.01	0.60	95	310	245	1.08	8.2
MINIMUM	100.	18.3	0.0	7.0	0.5	270	13	7.5	375	0.07	0.00	0.00	0.00	0.00	0.00	9	262	220	0.44	8.2
AVERAGE	6860.	44.4	15.7	9.7	5.7	359	26	16.1	524	2.06	1.90	0.07	0.64	0.01	0.16	23	286	232	0.76	8.2
MEDIAN	1655.																			
MAXIMUM KILOTONS/YEAR					0.92	0.20	20.	1.7		0.018	0.011	0.007	0.05	0.001	0.050	1.67	26.	20.	0.090	
MINIMUM KILOTONS/YEAR					0.14	0.08	6.	0.5		0.003	0.000	0.000	0.00	0.000	0.000	0.22	16.	14.	0.028	
AVERAGE KILOTONS/YEAR					0.50	0.12	12.	1.0		0.008	0.004	0.003	0.02	0.000	0.015	0.65	21.	17.	0.059	

RIVER BASIN- DUFFIN CREEK

STREAM MILEAGE- DFE 8.6

LOCATION CODE: 06-0104-02-002

STREAM- DUFFIN CREEK

SAMPLE POINT DESCRIPTION- FIRST CONC. RD. BELOW HWY NO 7

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
22 6 66	1420	100.		18.0	11.0	1.0	286				0.12	0.02	0.12	0.20	0.01	0.40	7			0.67	2.0
21 7 66	1750	120.		18.0	10.0	0.9	230	12	6.0		0.02	0.02	0.02	1.00	0.00	0.05	5				
23 8 66	1850	116.		19.5	9.0	1.0	252	15	8.0	378	0.08	0.02	0.05	0.10	0.01	0.12	4				
23 9 66	1845	316.		16.0		1.4			12.0		0.08	0.01	0.03	0.46	0.00		4				

NO. SAMPLES	4	4	3	4	3	2	3	1	4	4	4	4	4	3	4			1	1
MAXIMUM	316.	19.5	11.0	1.4	286	15	12.0	378	0.12	0.02	0.12	1.00	0.01	0.40	7		0.67	2.0	
MINIMUM	100.	16.0	9.0	0.9	230	12	6.0	378	0.02	0.01	0.02	0.10	0.00	0.05	4		0.67	2.0	
AVERAGE	163.	17.9	10.0	1.1	256	13	8.7	378	0.07	0.02	0.05	0.44	0.00	0.19	5		0.67	2.0	
MEDIAN	118.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- CARRUTHERS CR.

STREAM MILEAGE- CA 0.5

LOCATION CODE: 06-0107-02-001

STREAM- CARRUTHERS CR.

SAMPLE POINT DESCRIPTION- CONC. RD. PICKERING BEACH

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL IDITY PPM	TURB UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		560.	10.2	7.0	11.0	0.9		10	12.0	700	0.12	0.06	0.06	0.80	0.00	0.50	46	378	275	0.62	8.1
7 2 66		60.	3.4	0.0	10.0	1.4	496	29	17.0	610	0.20	0.08	0.23	0.58	0.01	0.60	42				
3 5 66		60.	3.5	7.0	11.0	1.7	424	15	8.0	656	0.07	0.03	0.00	0.00	0.01	0.00	42	320	246	0.45	8.1
22 6 66	1515	160.	2.3	25.0	10.0	2.2	376	13		582	0.16	0.02	0.20	1.30	0.00	0.30	42				
5 7 66	1320	130.	0.8	23.5	6.0	3.0	284	11	11.0	402	0.20	0.02	0.08	1.10	0.01	0.00	50				
20 7 66	1325	600.	0.3	19.0	6.0	1.8	306	10	10.5	388	0.22	0.04	0.03	0.71	0.00	0.02	47				
9 8 66	1325	150.	0.7	24.0	5.0	3.6	230	17	10.5	364	0.36	0.06	0.12	1.15	0.00	0.00	27				
22 8 66	1325	20000.	0.2	19.0	4.0	3.2	226	22	13.5	308	0.28	0.10	0.03	0.84	0.02	0.03	17				
3 9 66	1415	410.	0.9	0.0	10.0	1.1	260	30	27.0	370	0.16	0.02	0.03	0.91	0.01	0.16	27				
23 9 66	1415	860.	3.0	7.0	11.0	2.2	286	15	32.0		0.14	0.02			0.00	0.00	11				
NO. SAMPLES		10	10	10	10	10	9	10	9	9	10	10	9	9	10	10	10	2	2	2	2
MAXIMUM		20000.	10.2	25.0	11.0	3.6	496	30	32.0	700	0.36	0.10	0.23	1.30	0.02	0.60	50	378	275	0.62	8.1
MINIMUM		60.	0.2	0.0	4.0	0.9	226	10	8.0	308	0.07	0.02	0.00	0.00	0.00	0.00	11	320	246	0.45	8.1
AVERAGE		2299.	2.5	13.1	8.4	2.1	320	17	15.7	486	0.19	0.04	0.09	0.82	0.01	0.16	35	349	260	0.53	8.1
MEDIAN		285.																			
MAXIMUM KILOTONS/YEAR					0.11	0.01	2.	0.1			0.001	0.001	0.001	0.01	0.000	0.005	0.46	4.	3.	0.006	
MINIMUM KILOTONS/YEAR					0.00	0.00	0.	0.0			0.000	0.000	0.000	0.00	0.000	0.000	0.00	1.	1.	0.002	
AVERAGE KILOTONS/YEAR					0.03	0.00	1.	0.0			0.000	0.000	0.000	0.00	0.000	0.001	0.10	2.	2.	0.004	

RIVER BASIN- LYNDE CREEK

STREAM MILEAGE- LY 0.9

LOCATION CODE: 06-0108-02-001

STREAM- LYNDE CREEK

SAMPLE POINT DESCRIPTION- BASELINE ROAD, WHITBY TWP.

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
26 10 65		0.												
7 2 66		2.												
6 7 66		0.												
9 8 66		8.												
30 8 66		0.												

NO. SAMPLES 5

MAXIMUM	8.
MINIMUM	0.
AVERAGE	2.

MAXIMUM KTONS/YR 0.00002

MINIMUM KTONS/YR 0.00000

AVERAGE KTONS/YR 0.00001

RIVER BASIN- PRINGLE CREEK

STREAM MILEAGE- P 0.8

LOCATION CODE: 06-0109-02-001

STREAM- PRINGLE CREEK

SAMPLE POINT DESCRIPTION- BROCK ST. TOWN OF WHITBY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		138000.	10.0	11.0	6.0	13.0		19	26.0	900	1.64	1.00	0.82	3.10	0.10	0.40	126	380	255	0.78	7.5
7 2 66		60000.	5.0	0.0	7.0	3.6	606	35	11.5	725	7.40	7.20	0.60	2.10	0.05	6.20	107			1.02	
4 5 66		190.	5.2	8.0	9.0	3.6	536	15	10.5	817	5.70	4.90	1.06	2.10	0.11	3.00	101	298	188	0.35	7.6
15 6 66		37000.	4.7	17.0	7.0	5.8	550	58			7.20	5.00	1.57	2.95	0.16	2.00	10				7.6
6 7 66		150000.		23.0	1.0	9.4	744	14	10.5	1250	9.40	7.30	0.30	0.13	0.00	1.50	225	220	174	0.63	7.3
9 8 66		6600.	3.0	28.0	2.0	4.0	462	1		736		5.60	3.44	4.10	0.10		95				8.0
30 8 66		870000.	3.2	22.0	1.2	8.2	510	16	9.5		9.60	9.00	2.95		0.20	0.02					

NO. SAMPLES	7	6	7	7	7	6	7	5	5	6	7	7	6	7	6	6	3	3	4	5
MAXIMUM	870000.	10.0	28.0	9.0	13.0	744	58	26.0	1250	9.60	9.00	3.44	4.10	0.20	6.20	225	380	255	1.02	8.0
MINIMUM	190.	3.0	0.0	1.0	3.6	462	1	9.5	725	1.64	1.00	0.30	0.13	0.00	0.02	10	220	174	0.35	7.3
AVERAGE	180256.	5.2	15.6	4.7	6.8	568	22	13.6	885	6.82	5.71	1.53	2.41	0.10	2.19	110	299	205	0.69	7.6
MEDIAN	60000.																			
MAXIMUM KILOTONS/YEAR					0.06	0.13	3.	0.3		0.036	0.035	0.010	0.03	0.001	0.031	1.24	4.	3.	0.008	
MINIMUM KILOTONS/YEAR					0.00	0.01	1.	0.0		0.016	0.010	0.003	0.01	0.000	0.000	0.05	2.	1.	0.002	
AVERAGE KILOTONS/YEAR					0.03	0.04	2.	0.1		0.029	0.023	0.007	0.02	0.001	0.012	0.52	3.	2.	0.005	

RIVER BASIN- PRINGLE CREEK

STREAM MILEAGE- P 0.8

LOCATION CODE: 06-0109-02-001

STREAM- PRINGLE CREEK

SAMPLE POINT DESCRIPTION- BROCK ST. TOWN OF WHITBY

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
26 10 65		8.												
15 6 66				0.00										
6 7 66		20.												
9 8 66		8.												
30 8 66		6.												

NO. SAMPLES

4

1

MAXIMUM	20.	0.00
MINIMUM	6.	0.00
AVERAGE	10.	0.00

MAXIMUM KTONS/YR	0.00008	0.000
MINIMUM KTONS/YR	0.00002	0.000
AVERAGE KTONS/YR	0.00004	0.000

RIVER BASIN- OSHAWA CREEK

STREAM MILEAGE- 0 0.4

LOCATION CODE: 06-0111-02-001

STREAM- OSHAWA CREEK

SAMPLE POINT DESCRIPTION- SIMCOE ST., CITY OF OSHAWA

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		11000.	39.0	8.0	8.0	7.8		20	18.0	690	0.36	0.12	1.00	2.95	0.02	0.50	41	350	245	0.60	8.0
7 2 66		670.	24.0	0.5	8.0	7.2	454	25			0.46	0.06	1.05	2.60	0.01	0.25	39			0.59	
3 5 66		530.	30.5	8.0	11.0	11.4	440	23	20.0	723	0.98	0.93	1.40	0.00	0.10	0.16	60	272	222	0.66	8.4
15 6 66		38000.	33.7	17.0	6.0	5.4	456	48		696	0.90	0.04	1.48	3.50	0.00	0.00	7				8.0
6 7 66		170000.	16.6	23.0	3.0	6.0	408	52	32.0	525	0.84	0.12	0.20	1.80	0.02	4.00	39	180	164	1.73	7.5
9 8 66		250000.	14.2	29.0	5.5	3.3	334	31	13.0	472	0.58	0.16	0.57	1.70	0.01	0.00	23				
30 8 66		10300.	24.6	23.0	6.0	2.2	340	15	8.0		0.56	0.34	0.66		0.01	0.02					

NO. SAMPLES	7	7	7	7	7	6	7	5	5	7	7	7	6	7	7	6	3	3	4	4
MAXIMUM	250000.	39.0	29.0	11.0	11.4	456	52	32.0	723	0.98	0.93	1.48	3.50	0.10	4.00	60	350	245	1.73	8.4
MINIMUM	530.	14.2	0.5	3.0	2.2	334	15	8.0	472	0.36	0.04	0.20	0.00	0.00	0.00	7	180	164	0.59	7.5
AVERAGE	68643.	26.1	15.5	6.8	6.2	405	30	18.2	621	0.67	0.25	0.91	2.09	0.02	0.70	34	267	210	0.89	8.0
MEDIAN	11000.																			
MAXIMUM KILOTONS/YEAR					0.33	0.34	15.	1.6			0.030	0.028	0.049	0.12	0.003	0.065	1.80	13.	9.	0.028
MINIMUM KILOTONS/YEAR					0.05	0.05	5.	0.4			0.008	0.001	0.003	0.00	0.000	0.000	0.23	3.	3.	0.014
AVERAGE KILOTONS/YEAR					0.19	0.17	10.	0.8			0.017	0.007	0.026	0.06	0.001	0.014	0.92	8.	6.	0.021



RIVER BASIN- OSHAWA CREEK

STREAM MILEAGE- 0 0.4

LOCATION CODE: 06-0111-02-001

STREAM- OSHAWA CREEK

SAMPLE POINT DESCRIPTION- SIMCOE ST., CITY OF OSHAWA

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
15 6 66				0.00										

NO. SAMPLES

1

MAXIMUM	0.00
MINIMUM	0.00
AVERAGE	0.00

MAXIMUM KTONS/YR	0.000
MINIMUM KTONS/YR	0.000
AVERAGE KTONS/YR	0.000

RIVER BASIN- HARMONY CREEK

STREAM MILEAGE- H 1.2

LOCATION CODE: 06-0112-02-001

STREAM- HARMONY CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 401

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
26 10 65		640.	27.0	8.0	14.0	0.8			3.1	520	0.10	0.08	0.05	0.65	0.00	0.40	17	312	236	0.35	8.6
7 2 66		96.	9.0	0.0	15.0	0.7	360	15	2.6	483	0.16	0.04	0.12	0.20	0.01	1.00	11				
3 5 66		2500.	8.5	8.0	15.0	0.9	336	15	2.8	490	0.02	0.01	0.02	0.13	0.01	0.30	19	272	225	0.13	7.4
15 6 66		220.	8.0	18.0	9.0	1.8	338	33			0.18	0.00		0.65		0.24	23				8.3
6 7 66		9000.	2.0	25.0	9.0	1.4	252	4	1.5	395	0.06	0.01	0.03	0.13	0.00	6.25	14	190	178	0.34	8.3
9 8 66		550.	1.0	25.5	11.0	3.0	424	35	11.5	561	0.16	0.01	0.12	0.71	0.00	0.02	72				
30 8 66		540.	2.0	23.0	11.0	1.4	272	15	3.5	379	0.04	0.02	0.05	1.05	0.00	0.02	9				

NO. SAMPLES	7	7	7	7	7	6	6	6	6	7	7	6	7	6	7	7	3	3	3	4
MAXIMUM	9000.	27.0	25.5	15.0	3.0	424	35	11.5	561	0.18	0.08	0.12	1.05	0.01	6.25	72	312	236	0.35	8.6
MINIMUM	96.	1.0	0.0	9.0	0.7	252	4	1.5	379	0.02	0.00	0.02	0.13	0.00	0.02	9	190	178	0.13	7.4
AVERAGE	1935.	8.2	15.4	12.0	1.4	330	19	4.2	471	0.10	0.02	0.06	0.50	0.00	1.18	23	258	213	0.27	8.1
MEDIAN	550.																			
MAXIMUM KILOTONS/YEAR					0.37	0.02	3.	0.3		0.003	0.002	0.001	0.02	0.000	0.012	0.45	8.	6.	0.009	
MINIMUM KILOTONS/YEAR					0.01	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.02	0.	0.	0.001	
AVERAGE KILOTONS/YEAR					0.11	0.01	2.	0.1		0.001	0.000	0.000	0.00	0.000	0.005	0.14	4.	3.	0.004	

RIVER BASIN- BOWMANVILLE CR

STREAM MILEAGE- B 0.8

LOCATION CODE: 06-0115-02-001

STREAM- BOWMANVILLE CR

SAMPLE POINT DESCRIPTION- WEST BEACH RD., BOWMANVILLE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		1520.	59.6	8.0	11.0	4.8			11.0	480	1.42	1.24	1.00	1.30	0.02	0.40	20	284	234	0.47	8.2
7 2 66		0.	54.6	0.0	14.0	4.8	346	15	8.0	445	1.80	1.58	1.84	2.10	0.01	1.20	15				
3 5 66		8.	60.6	15.0	13.0	1.2	328	15	4.0	492	1.70	1.54	0.20	0.20	0.03	0.10	18	256	209	0.31	8.2
15 6 66		36000.	92.5	15.5	10.0	4.5	310	12			1.50	1.32	1.00	1.65	0.07	0.48	21				8.1
6 7 66		105000.	39.0	25.0	5.0	4.0	246	14	12.0	390	1.68	1.58	0.60	0.33	0.06	4.00	13	170	164	0.78	8.0
9 8 66		690.	33.8	24.0	6.0	10.0	250	10	9.0	374	2.20	2.04	0.33	0.84	0.04	25.00	10				
30 8 66		100000.	47.1	21.0	5.5	2.4	398	15	8.0	421	2.60	2.50	1.05	1.80	0.08	0.03	63				

NO. SAMPLES	7	7	7	7	7	6	6	6	6	7	7	7	7	7	7	7	3	3	3	4
MAXIMUM	105000.	92.5	25.0	14.0	10.0	398	15	12.0	492	2.60	2.50	1.84	2.10	0.08	25.00	63	284	234	0.78	8.2
MINIMUM	0.	33.8	0.0	5.0	1.2	246	10	4.0	374	1.42	1.24	0.20	0.20	0.01	0.03	10	170	164	0.31	8.0
AVERAGE	34745.	55.3	15.5	9.2	4.5	313	13	8.7	433	1.84	1.69	0.86	1.17	0.04	4.46	22	236	202	0.52	8.1
MEDIAN	1520.																			
MAXIMUM KILOTONS/YEAR					0.91	0.41	28.	1.1		0.137	0.120	0.099	0.15	0.006	0.833	2.92	17.	14.	0.030	
MINIMUM KILOTONS/YEAR					0.19	0.07	8.	0.3		0.065	0.061	0.011	0.01	0.001	0.001	0.33	7.	6.	0.019	
AVERAGE KILOTONS/YEAR					0.53	0.23	17.	0.7		0.097	0.088	0.049	0.07	0.002	0.161	1.25	13.	11.	0.025	

RIVER BASIN- WILMOT CREEK

STREAM MILEAGE- WL 0.5

LOCATION CODE: 06-0117-02-001

STREAM- WILMOT CREEK

SAMPLE POINT DESCRIPTION- BRIDGE AT HWY. 401

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65	240.	19.4	8.0	13.0	1.2			2.3	400	0.06	0.06	0.00	0.26	0.00	0.44	11	254	220	0.11	8.6
7 2 66	30.		0.5	12.0	10.0	966	610	59.0	557	1.40	0.08	0.10	4.10	0.01	0.60	9				
3 5 66	84.	21.9	7.0	13.0	1.3	308	15	3.3	456	0.04	0.00	0.02	0.13	0.01	0.80	10	246	209	0.11	8.4
15 6 66		26.5	17.0	10.0																
6 7 66	12000.	11.3	23.0	9.0	1.0	262	7	4.0	421	0.04	0.01	0.02	0.20	0.01	4.00	7	210	182	0.25	8.3
9 8 66	476.	9.9	23.0	9.0	1.1	270	4	4.0	385	0.04	0.01					6				
30 8 66	260.	12.0	21.5	10.0	1.2	288	15	6.5	420	0.02	0.01	0.10	0.84	0.01	0.22	10				

NO. SAMPLES	6	6	7	7	6	5	5	6	6	6	6	5	5	5	5	6	3	3	3	3
MAXIMUM	12000.	26.5	23.0	13.0	10.0	966	610	59.0	557	1.40	0.08	0.10	4.10	0.01	4.00	11	254	220	0.25	8.6
MINIMUM	30.	9.9	0.5	9.0	1.0	262	4	2.3	385	0.02	0.00	0.00	0.13	0.00	0.22	6	210	182	0.11	8.3
AVERAGE	2182.	16.8	14.3	10.9	2.6	418	130	13.2	439	0.27	0.03	0.05	1.11	0.01	1.21	8	236	203	0.16	8.4
MEDIAN	250.																			
MAXIMUM KILOTONS/YEAR				0.28	0.03	7.	0.3			0.001	0.001	0.001	0.01	0.000	0.045	0.22	5.	5.	0.003	
MINIMUM KILOTONS/YEAR				0.09	0.01	3.	0.0			0.000	0.000	0.000	0.00	0.000	0.003	0.06	2.	2.	0.002	
AVERAGE KILOTONS/YEAR				0.18	0.02	4.	0.2			0.001	0.000	0.000	0.00	0.000	0.018	0.14	4.	4.	0.002	

RIVER BASIN- WILMOT CREEK

STREAM MILEAGE- WLO 5.0

LOCATION CODE: 06-0117-02-002

STREAM- ORONO CREEK

SAMPLE POINT DESCRIPTION- CONC. RD., SOUTHWEST OF ORONO

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65	240.		7.0	11.0	1.1			2.9	490	0.10	0.06	0.00	0.40	0.00	1.00	19	304	251	0.21	8.2
3 5 66	84.		7.0	13.0	1.0	262	15	2.1	424	0.00	0.00	0.03	0.40	0.01	0.80	11	234	200	0.11	8.4
15 6 66	236.		14.5	11.0	1.2	290	8	2.1		0.08	0.00	0.02	0.26		0.48					8.2
6 7 66	29000.		20.0	9.0	0.6	264	10	5.0	425	0.14	0.14	0.02	0.43	0.01	5.00	7	210	192	0.34	8.1
8 8 66	208.		18.0	10.0	1.2	322	4	2.3	503	0.08	0.02			0.01		15				
30 8 66	370.		18.5	9.0	1.8	316	15	1.5	466	0.08	0.01	0.02	0.91	0.01	0.48	12				

NO. SAMPLES	6	6	6	5	5	6	5	6	6	5	5	5	5	5	5	3	3	3	4
MAXIMUM	29000.	20.0	13.0	1.8	322	15	5.0	503	0.14	0.14	0.03	0.91	0.01	5.00	19	304	251	0.34	8.4
MINIMUM	84.	7.0	9.0	0.6	262	4	1.5	424	0.00	0.00	0.00	0.26	0.00	0.48	7	210	192	0.11	8.1
AVERAGE	5023.	14.2	10.5	1.1	290	10	2.6	461	0.08	0.04	0.02	0.48	0.01	1.55	12	249	214	0.22	8.2
MEDIAN	238.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAHAM CREEK

STREAM MILEAGE- GRH 0.7

LOCATION CODE: 06-0118-02-001

STREAM- GRAHAM CREEK

SAMPLE POINT DESCRIPTION- UPSTREAM FROM LAKE ONTARIO

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 10 65		210.	17.8	7.0	12.0	1.3		6	3.8	410			0.10	0.40	0.00	0.00	12	254	209	0.30	8.3
7 2 66		20.	0.9	0.0	12.0	0.8	320	15	3.3	460	0.12	0.06	0.23	0.26	0.00	0.65	9				
3 5 66		70.	14.0	7.0	13.0	1.9	290	15	9.0	435	0.04	0.00	0.05	0.40	0.01	0.14	9	234	199	0.32	8.2
15 6 66		3600.	0.8	19.0	9.0	1.7	290	14			0.18	0.06		0.84		0.05	15				8.3
6 7 66		1250.	6.0	23.0	7.0	1.7	258	18	12.5	366	0.18	0.02	0.05	0.40	0.00	6.25	15	160	144	0.74	8.1
9 8 66		136.	2.0	25.5	6.0	1.8	266	5		365	0.08	0.01	0.20		0.01		11				
30 8 66		60.	2.5	24.0	7.5	2.0	268	15	4.0	390	0.10	0.02	0.10	1.80	0.00	0.02					

NO. SAMPLES	7	7	7	7	7	6	7	5	6	6	6	6	6	6	6	6	3	3	3	4
MAXIMUM	3600.	17.8	25.5	13.0	2.0	320	18	12.5	460	0.18	0.06	0.23	1.80	0.01	6.25	15	254	209	0.74	8.3
MINIMUM	20.	0.8	0.0	6.0	0.8	258	5	3.3	365	0.04	0.00	0.05	0.26	0.00	0.00	9	160	144	0.30	8.1
AVERAGE	764.	6.3	15.1	9.5	1.6	282	12	6.5	404	0.12	0.03	0.12	0.68	0.00	1.18	11	216	184	0.45	8.2
MEDIAN	136.																			
MAXIMUM KILOTONS/YEAR					0.21	0.03	4.	0.2		0.001	0.000	0.002	0.01	0.000	0.037	0.21	4.	4.	0.005	
MINIMUM KILOTONS/YEAR					0.01	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.01	1.	1.	0.004	
AVERAGE KILOTONS/YEAR					0.07	0.01	1.	0.1		0.000	0.000	0.001	0.00	0.000	0.007	0.08	3.	2.	0.005	

RIVER BASIN- GAGE CREEK

STREAM MILEAGE- GE 0.3

LOCATION CODE: 06-0130-02-001

STREAM- GAGE CREEK

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO.2

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	68.	3.0	13.0	14.0	1.3		5	3.6	395	0.06	0.06	0.05	0.33	0.00	0.00	8	228	197	0.04	8.3
7 2 66	80.	3.5	0.0	11.0	0.6	350	27	12.0		0.22	0.08	0.20	0.46	0.00	0.70					
3 5 66	140.	4.5	12.0	12.0	1.6	328	15	5.0	470	0.10	0.07	0.02	0.26	0.01	0.24	23	264	229	0.40	8.3
20 5 66	190.	6.5	8.0	12.0	1.5	318		26.0		0.04	0.01	0.00	0.77	0.00	0.00	23				
15 6 66	260.	3.7	20.0	10.0	1.7	312	16				0.40	0.03	0.13		0.00					8.3
7 7 66	22000.	4.0	26.0	8.0	1.8	232		4.0	318	0.06	0.06	0.10	0.40	0.01	7.50	4	150	145	1.06	8.4
9 8 66	2500.	2.0	29.0	10.0	4.1	202	13	2.3	298	0.08	0.01	0.02		0.01		4				
30 8 66	450.		25.5	10.0	2.8	202	15	5.5	316	0.10	0.01	0.03	0.71	0.00	0.07					

NO. SAMPLES	8	7	8	8	8	7	6	7	5	7	8	8	7	7	7	5	3	3	3	4
MAXIMUM	22000.	6.5	29.0	14.0	4.1	350	27	26.0	470	0.22	0.40	0.20	0.77	0.01	7.50	23	264	229	1.06	8.4
MINIMUM	68.	2.0	0.0	8.0	0.6	202	5	2.3	298	0.04	0.01	0.00	0.13	0.00	0.00	4	150	145	0.04	8.3
AVERAGE	3211.	3.9	16.7	10.9	1.9	277	15	8.3	359	0.09	0.09	0.06	0.44	0.00	1.22	12	214	190	0.50	8.3
MEDIAN	225.																			
MAXIMUM KILOTONS/YEAR					0.08	0.01	2.	0.1		0.001	0.001	0.001	0.00	0.000	0.030	0.15	1.	1.	0.004	
MINIMUM KILOTONS/YEAR					0.02	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.01	1.	1.	0.000	
AVERAGE KILOTONS/YEAR					0.04	0.01	1.	0.1		0.000	0.000	0.000	0.00	0.000	0.006	0.06	1.	1.	0.002	

RIVER BASIN- COBOURG BROOK

STREAM MILEAGE- CCPS    3.6

LOCATION CODE: 06-0133-02-002

STREAM- COBOURG CREEK

SAMPLE POINT DESCRIPTION- FISH POND TWP.OF HAMILTON

DATE SAMPLED D   M   Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT P04 PPM	SOL P04 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
19 10 65		30.	17.0	13.0	4.0	4.0		5	5.0	570	0.74	0.56	0.33	1.10	0.00	0.00	17	336		0.36	7.8
9 3 66		0.	18.0	1.0	12.0	1.6	326	15	0.6	569	0.20	0.09	0.12	0.40	0.01	0.60	14				7.6
3 5 66		920.	43.0	10.0	10.0	1.9	284	15	4.0	418	0.02	0.01	0.02	0.26	0.01	0.20	18	226	201	0.25	8.5
20 5 66		1900.	27.0	8.8	13.0	1.8	350		24.0		0.10	0.06	0.06	0.52	0.00	0.00	22				
15 6 66		190.	22.0	17.0	12.0	1.6	274	5				0.40	0.03	0.07		0.12					8.5
7 7 66		640.	13.0	25.0	8.0	2.2	232	9	4.0	360	0.02	0.02	0.05	0.26	0.01	5.00	6	170	178	0.46	8.2
9 8 66		5800.	10.3	26.0	9.0	5.9	270	32	11.0	382	0.50	0.22	0.20	1.30	0.02	0.15	12				
30 8 66		8000.	13.0	23.5	7.0	3.2	324	41	13.5	444	0.72	0.36	0.20	1.00	0.02	0.07	14				

NO.SAMPLES	8	8	8	8	8	7	7	7	6	7	8	8	8	7	8	7	3	2	3	5
MAXIMUM	8000.	43.0	26.0	13.0	5.9	350	41	24.0	570	0.74	0.56	0.33	1.30	0.02	5.00	22	336	201	0.46	8.5
MINIMUM	0.	10.3	1.0	4.0	1.6	232	5	0.6	360	0.02	0.01	0.02	0.07	0.00	0.00	6	170	178	0.25	7.6
AVERAGE	2185.	20.4	15.5	9.4	2.8	294	17	8.9	457	0.33	0.21	0.13	0.61	0.01	0.77	14	244	189	0.36	8.1
MEDIAN	780.																			
MAXIMUM KILOTONS/YEAR					0.42	0.08	12.	0.6		0.012	0.009	0.006	0.02	0.000	0.064	0.76	10.	9.	0.011	
MINIMUM KILOTONS/YEAR					0.07	0.03	3.	0.1		0.000	0.000	0.001	0.00	0.000	0.000	0.08	2.	2.	0.006	
AVERAGE KILOTONS/YEAR					0.20	0.05	6.	0.3		0.005	0.004	0.002	0.01	0.000	0.011	0.32	6.	5.	0.008	



RIVER BASIN- BROOKSIDE CR.

STREAM MILEAGE- CEB 2.1

LOCATION CODE: 06-0139-02-001

STREAM- BROOKSIDE CR.

SAMPLE POINT DESCRIPTION- CONC.RD., EAST OF BROOKSIDE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65		1200.		12.0	11.0	2.2		13	2.8	695	0.08	0.06	0.50	0.84	0.02	0.00					
9 3 66		1100.		1.0	12.0	33.0	454	44	2.0	763	0.34	0.12	3.94		0.02	0.15	63				7.9
21 4 66		610.		10.5	11.0	1.3	334	15	7.0		0.08	0.03	0.00	0.60	0.00	0.00	15				
20 5 66		260.		11.0	11.0	1.4	350		8.5		0.04	0.01	0.00	0.20	0.00	0.00	35				
15 6 66		360.		17.0	11.0	1.3	360	4				0.12	0.20			0.00					8.4
7 7 66		84000.		24.0	9.0	1.6	344	18	6.0	480	0.30	0.12	0.06	0.40	0.01	7.50	19	217	217	0.34	8.3
9 8 66		47000.		27.0	11.0	2.2	298		7.0	426		0.06	0.05	0.46	0.01		23				

NO.SAMPLES	7	7	7	7	6	5	6	4	5	7	7	5	6	6	5	1	1	1	3
MAXIMUM	84000.	27.0	12.0	33.0	454	44	8.5	763	0.34	0.12	3.94	0.84	0.02	7.50	63	217	217	0.34	8.4
MINIMUM	260.	1.0	9.0	1.3	298	4	2.0	426	0.04	0.01	0.00	0.20	0.00	0.00	15	217	217	0.34	7.9
AVERAGE	19219.	14.6	10.9	6.1	356	18	5.5	591	0.17	0.07	0.68	0.50	0.01	1.27	31	217	217	0.34	8.2
MEDIAN	1100.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- COLBORNE CREEK

STREAM MILEAGE- C 0.4

LOCATION CODE: 06-0146-02-001

STREAM- COLBORNE CREEK

SAMPLE POINT DESCRIPTION- LAKEPORT

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	1200.	6.5	12.5	13.1	2.0		10	3.6	440	0.12	0.10	0.05	0.40	0.00	0.00	12	246	221	0.25	8.4
9 3 66	32.	7.0	10.5	11.0	1.2	310	126	5.0	428	0.56	0.16	0.00	0.60	0.00	0.40	13	224	193	1.45	8.0
21 4 66	890.	18.6	12.8	13.0	1.6	288	15	5.5		0.06	0.04	0.00	1.10	0.00	0.02	14				
20 5 66	700.	14.7	20.0	11.0	1.9	276		6.5		0.10	0.01	0.00	0.33	0.00	0.14	22				
15 6 66	6600.	10.6	20.0	11.0	1.5	266	11				0.08	0.03		0.26						
7 7 66	610.	10.7	25.0	9.0	0.7	232	6	2.8	348	0.12	0.04	0.03	0.26	0.01	1.25	7	170	164	0.26	8.7
9 8 66	700.	4.3	27.0	9.0	3.9	218	5	6.5	319		0.01	0.03	0.46	0.01	0.06	7				
30 8 66	580.	5.0	25.0	9.0	2.4	258	15	4.5		0.12	0.04	0.06		0.01	0.05					

NO. SAMPLES	8	8	8	8	8	7	7	7	4	6	8	8	6	8	7	6	3	3	3	3
MAXIMUM	6600.	18.6	27.0	13.1	3.9	310	126	6.5	440	0.56	0.16	0.06	1.10	0.26	1.25	22	246	221	1.45	8.7
MINIMUM	32.	4.3	10.5	9.0	0.7	218	5	2.8	319	0.06	0.01	0.00	0.26	0.00	0.00	7	170	164	0.25	8.0
AVERAGE	1414.	9.7	19.1	10.8	1.9	264	26	4.9	383	0.18	0.06	0.02	0.52	0.04	0.27	12	213	192	0.65	8.4
MEDIAN	700.																			
MAXIMUM KILOTONS/YEAR					0.24	0.03	5.	0.9		0.004	0.001	0.000	0.02	0.003	0.013	0.32	2.	2.	0.010	
MINIMUM KILOTONS/YEAR					0.04	0.01	1.	0.0		0.001	0.000	0.000	0.00	0.000	0.000	0.03	2.	1.	0.002	
AVERAGE KILOTONS/YEAR					0.11	0.02	3.	0.2		0.002	0.001	0.000	0.01	0.000	0.003	0.14	2.	1.	0.005	

RIVER BASIN- BUTLER CREEK

STREAM MILEAGE- B 0.2

LOCATION CODE: 06-0151-02-001

STREAM- BUTLER CREEK

SAMPLE POINT DESCRIPTION- ROAD TO HIGHWAY 33, BRIGHTON

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65		1200.	3.5	13.0	12.0	1.6		2	1.7	520	0.96	0.74	0.16	0.26	0.03	0.40	27	282	249	0.06	8.3
9 3 66		2800.	8.1	0.5	12.0	1.8	324	46	11.0	463	0.60	0.20	0.08	0.52	0.01	0.60	18	236	203	0.98	8.1
21 4 66		3900.	8.0	10.0	11.0	2.6	322	15	6.0		0.26	0.24	0.00	0.84	0.01	0.03	20				
20 5 66		250000.	6.5	13.1	13.0	1.6	274		4.5		0.24	0.16	0.00	0.40	0.01	0.25	28				
16 6 66		5100.	4.3	20.0	11.0	1.7	324	10				0.38	0.15	0.33		0.40	30				8.6
7 7 66		150000.	4.2	25.0	9.0	20.0	480	13	8.0	790	0.88	0.32	0.23	1.70	0.00	0.75	112	220	217	0.39	8.2
8 8 66		5800.	2.3	27.0	8.0	4.6	266	11	5.5	400	0.56	0.46	0.12	0.84	0.08	0.10	16				
30 8 66		15000.	2.7	24.0	11.0	1.6	320	15	3.5	421	0.54	0.44	0.05	0.19	0.03	0.23	19				

NO. SAMPLES	8	8	8	8	8	7	7	7	5	7	8	8	8	7	8	8	3	3	3	4
MAXIMUM	250000.	8.1	27.0	13.0	20.0	480	46	11.0	790	0.96	0.74	0.23	1.70	0.08	0.75	112	282	249	0.98	8.6
MINIMUM	1200.	2.3	0.5	8.0	1.6	266	2	1.7	400	0.24	0.16	0.00	0.19	0.00	0.03	16	220	203	0.06	8.1
AVERAGE	54225.	4.9	16.6	10.9	4.4	330	16	5.7	518	0.58	0.37	0.10	0.63	0.02	0.34	33	246	223	0.48	8.3
MEDIAN	5450.																			
MAXIMUM KILOTONS/YEAR					0.10	0.08	3.	0.4		0.005	0.003	0.001	0.01	0.000	0.005	0.46	2.	2.	0.008	
MINIMUM KILOTONS/YEAR					0.02	0.00	1.	0.0		0.001	0.001	0.000	0.00	0.000	0.000	0.04	1.	1.	0.000	
AVERAGE KILOTONS/YEAR					0.05	0.02	2.	0.1		0.003	0.002	0.000	0.00	0.000	0.002	0.16	1.	1.	0.003	

RIVER BASIN- SMITHFIELD CR.

STREAM MILEAGE- S 0.3

LOCATION CODE: 06-0152-02-001

STREAM- SMITHFIELD CR.

SAMPLE POINT DESCRIPTION- ROAD TO HIGHWAY 33

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	44.	6.0	13.5	8.0	0.8			1.0	590	0.04	0.04	0.06	0.60	0.00	0.00	26	350	286	0.08	7.8
9 3 66	200.	13.2	0.5	11.0	0.6	302	88	10.0	427	0.36	0.12	0.00	0.46	0.00	0.12	13	218	189	1.35	8.1
21 4 66	1010.	13.7	10.0	9.9	2.2	274	15	7.0		0.06	0.06	0.00	0.00	0.00	0.02	13				
20 5 66	1100.	10.0	12.5	9.5	1.2	266	11	4.0		0.04	0.00	0.00	0.26	0.00	0.12	26				
16 6 66	9700.	0.3	19.0	10.0	1.7	306	8				0.06	0.16	0.20		0.22					8.5
7 7 66	610.	7.1	23.5	10.0	1.1	288	6	1.7	472	0.11	0.08	0.03	0.20	0.01	3.00	18	220	211	0.31	8.3
8 8 66	200.	3.8	23.5	8.0	1.9	384	10	5.0	446		0.06	0.05		0.00	0.06	17				
30 8 66	590.	4.5	22.5	8.0	2.0	324	15	4.0	450	0.10	0.06	0.10	0.98	0.00	0.07					

NO. SAMPLES	8	8	8	8	8	7	7	7	5	6	8	8	7	7	8	6	3	3	3	4
MAXIMUM	9700.	13.7	23.5	11.0	2.2	384	88	10.0	590	0.36	0.12	0.16	0.98	0.01	3.00	26	350	286	1.35	8.5
MINIMUM	44.	0.3	0.5	8.0	0.6	266	6	1.0	427	0.04	0.00	0.00	0.00	0.00	0.00	13	218	189	0.08	7.8
AVERAGE	1682.	7.3	15.6	9.3	1.4	306	21	4.7	477	0.12	0.06	0.05	0.39	0.00	0.45	18	262	228	0.58	8.2
MEDIAN	600.																			
MAXIMUM KILOTONS/YEAR					0.14	0.03	4.	1.1		0.005	0.002	0.000	0.01	0.000	0.021	0.26	3.	2.	0.018	
MINIMUM KILOTONS/YEAR					0.00	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.06	2.	1.	0.000	
AVERAGE KILOTONS/YEAR					0.07	0.01	2.	0.2		0.001	0.000	0.000	0.00	0.000	0.003	0.16	2.	2.	0.007	

RIVER BASIN- MILLHAVEN CK.

STREAM MILEAGE- M 0.1

LOCATION CODE: 06-0180-02-001

STREAM- MILLHAVEN CK.

SAMPLE POINT DESCRIPTION- HIGHWAY NO.23

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	74.	17.4	11.0	9.0	4.6			2.6	345	0.06	0.06	0.05	0.71	0.00	0.00	19	184	144	0.03	8.2
5 1 66 1515	144.	54.4	0.0	11.0	1.1	234	15	3.1	360	0.10	0.04	0.00	0.33	0.00	0.20	15				
4 2 66 1915	900.	23.2	0.0	8.0																
14 3 66 1905	170.	105.5	1.0	10.0	1.4	136	15	4.0	290	0.06	0.06	0.06	0.26	0.00	0.00	8				
4 4 66 1645	76.	46.5	2.0	9.0	2.4	190	15			0.04	0.01	0.06	0.20	0.00	0.00	6				
26 4 66 2030		29.0	6.0	5.0	2.2	162	2	2.5		0.04	0.01	0.00		0.00	0.00	33				
2 5 66 1915	400.	20.4	10.0	5.0	1.4	216	15				0.07	0.00	0.46	0.00	0.00					
7 6 66 1415	400.	4.4	19.0	6.0	2.0	204	15	3.5	309	0.08	0.02	0.10	0.52	0.00	0.12	13				
18 7 66 1715	160.	1.4	21.0	8.0	2.0	426	68	11.5	606	0.36	0.02	0.05	1.40	0.00	0.00					
22 8 66 1335	0.	1.2	20.0	4.0	0.3	246	1	2.6	323	0.04	0.02	0.02		0.00	0.20	28				
13 9 66 1430	116.	1.1	19.5	10.0	0.8	220	15	2.8	321	0.06	0.02	0.02	0.33	0.00	0.00	27				

NO. SAMPLES	10	11	11	11	10	9	9	8	7	9	10	10	8	10	10	8	1	1	1	1
MAXIMUM	900.	105.5	21.0	11.0	4.6	426	68	11.5	606	0.36	0.07	0.10	1.40	0.00	0.20	33	184	144	0.03	8.2
MINIMUM	0.	1.1	0.0	4.0	0.3	136	1	2.5	290	0.04	0.01	0.00	0.20	0.00	0.00	6	184	144	0.03	8.2
AVERAGE	244.	27.7	10.0	7.7	1.8	226	17	4.1	364	0.09	0.03	0.04	0.53	0.00	0.05	18	184	144	0.03	8.2
MEDIAN	152.																			
MAXIMUM KILOTONS/YEAR					1.04	0.15	14.	1.6		0.006	0.006	0.006	0.03	0.000	0.011	0.94	3.	2.	0.001	
MINIMUM KILOTONS/YEAR					0.00	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.03	3.	2.	0.001	
AVERAGE KILOTONS/YEAR					0.24	0.05	5.	0.4		0.002	0.001	0.001	0.01	0.000	0.001	0.41	3.	2.	0.001	

RIVER BASIN- HICKORY CREEK

STREAM MILEAGE- H 5.5

LOCATION CODE: 08-0010-02-001

STREAM- HICKORY CREEK

SAMPLE POINT DESCRIPTION- CONC.RD.,DOWNSTREAM FROM FOREST

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	1845	80.		16.0	12.0	4.8		72	56.0	820	2.00	2.00	0.16	0.71	0.02	0.44	101	304	301	2.10	8.4
7 2 66		6300.		0.0	10.0	1.9	532	15	7.5		1.04	0.86	0.80	1.60	0.00	0.30	38				
14 3 66		7000.		5.5	10.0	1.6	374	14	11.0	595	0.38	0.24	0.12	1.10	0.02	5.00	14	242	159	1.20	8.0
26 4 66		16000.		8.5	11.0	2.2	394	24	32.0		0.30	0.10	0.00	1.20	0.04	5.00					
27 5 66		5900.		17.0	10.0	4.0	418	62	48.0	600	1.18	0.86	0.13	1.00	0.03	0.50	36				
30 6 66		360.		24.0	10.0	3.6	390	30	27.0	640	0.46	0.28	0.46	0.71	0.00	0.00	56				
5 8 66		150.		24.0	8.0	2.4	438	10	3.5	707	2.10	2.00	0.12	0.71	0.01	0.06	70				
16 8 66		1000.		22.0	9.0	1.6	536	12	27.0	856	3.90	3.50	0.43	1.10	0.02	0.15	84				
13 9 66		190.		18.5	7.0	2.6	520	39	12.5		2.52	2.24	0.82			0.00					

NO.SAMPLES	9		9	9	9	8	9	9	6	9	9	9	8	8	9	7	2	2	2	2
MAXIMUM	16000.		24.0	12.0	4.8	536	72	56.0	856	3.90	3.50	0.82	1.60	0.04	5.00	101	304	301	2.10	8.4
MINIMUM	80.		0.0	7.0	1.6	374	10	3.5	595	0.30	0.10	0.00	0.71	0.00	0.00	14	242	159	1.20	8.0
AVERAGE	4109.		15.1	9.7	2.7	450	30	24.9	703	1.54	1.34	0.34	1.02	0.02	1.27	57	273	230	1.65	8.2
MEDIAN	1000.																			

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- A 0.1

LOCATION CODE: 08-0022-02-001

STREAM- AUSABLE RIVER

SAMPLE POINT DESCRIPTION- RIVER RD.VILLAGE OF GRAND BEND

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
24 11 65	570.		4.0	10.0	1.2			12.5	580	0.16	0.12	0.05	1.10	0.01	5.00	19	340	209	0.80	8.0
8 2 66	280.		5.0	7.0	1.2	522	15	8.5		0.10		0.16	0.84	0.00	1.50	29				
14 3 66	150.		2.0	11.0	1.4	376	15	3.6	436	0.30	0.14	0.08	2.30	0.01	3.00	10	230	159	2.18	7.9
25 4 66	5200.		11.5	10.0	1.6	372	85	71.0	390	0.48	0.06	0.00	0.84	0.02	1.50	12				
16 6 66 1440	50000.		17.0	8.0	4.3	1206	784	200.0	380	1.92	0.18	0.05	3.50	0.01	2.40	16				
5 7 66 1450	7000.		24.0	11.0	3.5	468	118	105.0	595	0.40	1.60	0.00	0.72	0.40	0.20	15				
19 7 66 1710	1460.		23.0	7.0	2.0	452	15	100.0	482	0.56	0.28	0.30	0.40	0.00	0.24					
15 8 66 1545	750.		24.0	12.0	1.4	490	15	6.5	677	0.26	0.16	0.30	0.90	0.02	0.40					
29 8 66 1500	60.		23.0	9.0	1.8	448	20	21.0	699	0.18	0.06	0.20	0.84	0.02	0.10	37				

NO. SAMPLES	9	9	9	9	8	8	9	8	9	8	9	9	9	9	7	2	2	2	2
MAXIMUM	50000.	24.0	12.0	4.3	1206	784	200.0	699	1.92	1.60	0.30	3.50	0.40	5.00	37	340	209	2.18	8.0
MINIMUM	60.	2.0	7.0	1.2	372	15	3.6	380	0.10	0.06	0.00	0.40	0.00	0.10	10	230	159	0.80	7.9
AVERAGE	7274.	14.8	9.4	2.0	541	133	58.7	529	0.48	0.32	0.13	1.27	0.05	1.59	19	285	184	1.49	7.9
MEDIAN	750.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- AFTD 6.4

LOCATION CODE: 08-0022-02-002

STREAM- THEDFORD CREEK

SAMPLE POINT DESCRIPTION- JUNCT. ONE MILE N. OF THEDFORD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25	4 66 1315	260000.		16.0	10.0	2.4	360	42	39.0		0.42	0.12	0.06	1.00	0.02	1.70	16				
15	6 66 1510	40000.		17.0	9.0	4.1	610	396	650.0	308	1.84	0.62	0.06	2.20	0.02		10				
5	7 66 1515	6000.		30.0	9.0	2.4	426	71	38.0	587	0.38	0.01	0.06	0.78	0.00	0.00	27				
15	8 66 1630	1600.		23.0	9.0	2.2	562	34	9.0	760	0.48	0.18	0.06	1.15	0.01	0.00					

NO. SAMPLES

4

4

4

4

4

4

4

4

3

4

4

4

4

4

3

3

MAXIMUM	260000.	30.0	10.0	4.1	610	396	650.0	760	1.84	0.62	0.06	2.20	0.02	1.70	27
MINIMUM	1600.	16.0	9.0	2.2	360	34	9.0	308	0.38	0.01	0.06	0.78	0.00	0.00	10
AVERAGE	76900.	21.5	9.2	2.8	489	135	184.0	551	0.78	0.23	0.06	1.28	0.01	0.57	17
MEDIAN	23000.														

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- APC 14.8

LOCATION CODE: 08-0022-02-003

STREAM- CAMERON DRAIN

SAMPLE POINT DESCRIPTION- VICTORIA ST., TOWN OF PARKHILL

DATE SAMPLED			COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT
24	11	65	47000.		5.0	10.0	1.5			5.0	770	0.32	0.28	0.36	1.40	0.02	5.00	53	396	215	0.51	8.0
15	2	66	18300.		0.2	11.0	2.0	472	15	4.0	650	0.78	0.28	0.46	1.00	0.00	3.00	44				
14	3	66	9000.		4.5	9.5	6.0	440	15	4.0	615	0.79	0.40	0.20	1.20	0.02	2.40	38	292	189	0.52	8.1
25	4	66	1415	340000.	12.0	10.0	4.8	414	41	27.0		0.80	0.36	0.20	1.55	0.03	2.00	31				
15	6	66	1545	50000.	16.0	10.0	4.6	632	348	550.0	391	1.84		0.33	2.45	0.02	3.60	18				
5	7	66	1545	83000.	25.0	8.0	20.0	1864		20.0	2298	5.50	5.00	3.94	23.50	0.00	0.01	233				
18	7	66	1800	31000.	24.0	6.0	3.3		6	4.5	520	5.50	4.90			0.00	0.05					
15	8	66	1715	220000.	23.0	8.0	27.0	1714	422	50.0	1650	5.30	1.70	2.46	6.00	0.15	0.00	135				

[illegible]

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- AP 16.5

LOCATION CODE: 08-0022-02-004

STREAM- PARKHILL CREEK

SAMPLE POINT DESCRIPTION- HWY. 81

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
24 11 65	410.		4.0	10.0	1.2			21.0	510	0.12	0.08	0.05	1.00	0.01	4.00	16	290	200	0.91	8.1
7 2 66	44.		0.0	11.0	0.6	718	15	8.0	1020	0.07	0.06	0.12	0.84	0.00	0.50	177				
14 3 66	90.		4.0	9.5	1.0	304	84	45.0	393	0.28	0.28	0.10	1.00	0.01	2.50	8	210	159	1.65	8.0
25 4 66 1345	60000.		12.0	11.0	2.6	330	61			0.28	0.04	0.05		0.02	2.50	10				
15 6 66 1600	50000.		18.0	6.0	4.2	1160	930	350.0	335	2.48		0.06	3.60	0.01	3.00	16				
5 7 66 1600	480.		24.0	6.0	2.4	418	44	32.0		0.34	0.30	0.23	1.40	0.01	0.00	13				
18 7 66 1820	30000.		24.0	8.0	2.2	418	24	13.5	630	0.24	0.14	0.26	0.28	0.00	0.10					
15 8 66 1730	9000.		22.0	7.0	2.0	410	36	27.0	471	0.26	0.12	0.16	1.10	0.05	0.70	15				
29 8 66 1530	2500.		22.0	6.0	2.4	362	51	40.0	530	0.28	0.12	0.02	0.98	0.01	0.15	27				

NO. SAMPLES	9	9	9	9	8	8	8	7	9	8	9	8	9	9	8	2	2	2	2
MAXIMUM	60000.	24.0	11.0	4.2	1160	930	350.0	1020	2.48	0.30	0.26	3.60	0.05	4.00	177	290	200	1.65	8.1
MINIMUM	44.	0.0	6.0	0.6	304	15	8.0	335	0.07	0.04	0.02	0.28	0.00	0.00	8	210	159	0.91	8.0
AVERAGE	16947.	14.4	8.3	2.1	515	155	67.1	555	0.48	0.14	0.12	1.27	0.01	1.49	35	250	179	1.28	8.0
MEDIAN	2500.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- AC 77.3

LOCATION CODE: 08-0022-02-005

STREAM- CREEK

SAMPLE POINT DESCRIPTION- CONC. ROAD 4, TWP. OF STEPHEN

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 4 66 1705	344.		10.0	13.0	1.2	322	15	2.8		0.12	0.06	0.00		0.01	1.25					
15 6 66 1630	7000.		16.0	10.0	2.4	316	15	23.0	416	0.22		0.12	2.20	0.01	3.20	11				
5 7 66 1625	2300000.		23.0	5.0	1.0	326	3	2.9	594	0.20	0.12	0.06	0.40	0.01	0.17	10				
18 7 66 1850	20000.		23.0	7.0	0.4	332	2	1.8		0.12	0.06	0.03	0.07	0.01	0.20					
15 8 66 1800	610.		21.0	6.0	0.3	380	15	1.8	550	0.14	0.08	0.05	0.20	0.00	0.26					
29 8 66 1800	1000.				0.2	622	1	1.5		0.10	0.06		0.84	0.02	0.20	15				

NO.SAMPLES	6	5	5	6	6	6	6	3	6	5	5	5	6	6	3
MAXIMUM	2300000.	23.0	13.0	2.4	622	15	23.0	594	0.22	0.12	0.12	2.20	0.02	3.20	15
MINIMUM	344.	10.0	5.0	0.2	316	1	1.5	416	0.10	0.06	0.00	0.07	0.00	0.17	10
AVERAGE	388159.	18.6	8.2	0.9	383	8	5.6	520	0.15	0.08	0.05	0.74	0.01	0.88	12
MEDIAN	4000.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- A 82.5

LOCATION CODE: 08-0022-02-006

STREAM- AUSABLE RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY 83 TOWN OF EXETER

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 4 66	1635	500.		11.0	12.0	1.2	336		3.1		0.06	0.00	0.00	0.26	0.02	2.00	20				
15 6 66	1410	60000.		17.0	12.0	4.0	456	178	320.0	397	0.80	0.10	0.12	1.60	0.01	3.00	13				
5 7 66	1425	103000.		23.0	11.0	2.6	374	5	3.5	605	0.22	0.08	0.10	0.75	0.02	0.40	61				
18 7 66	1640	7000.		21.0	14.0	4.0	912	57		1128	1.12	0.60	0.60	1.60	0.03	0.15					
15 8 66	1515	101000.		21.0	15.0	2.8	478	40		597	1.10	0.76	0.12	1.05	0.04	0.30					
29 8 66	1430	860000.		22.0	3.0	180.0	730	38	50.0	1150	3.40	2.80	0.53	1.10	0.00	0.10	192				

NO. SAMPLES

6

6

6

6

6

5

4

5

6

6

6

6

6

6

4

MAXIMUM

860000.

23.0

15.0

180.0

912

178

320.0

1150

3.40

2.80

0.60

1.60

0.04

3.00

192

MINIMUM

500.

11.0

3.0

1.2

336

5

3.1

397

0.06

0.00

0.00

0.26

0.00

0.10

13

AVERAGE

188583.

19.2

11.2

32.4

547

63

94.1

775

1.12

0.72

0.24

1.06

0.02

0.99

71

MEDIAN

80500.

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- AH 86.5

LOCATION CODE: 08-0022-02-007

STREAM- HENSALL CREEK

SAMPLE POINT DESCRIPTION- CONC. ROAD 2, WEST OF HENSALL

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 4 66	1620	800.		10.5	15.0	1.4	354	15	3.6		0.02	0.02	0.00	0.33	0.02	2.80					
16 6 66	1345	80000.		15.0	11.0	4.8	596	232	220.0	525	0.42	0.42	0.06	2.45	0.01	9.00	18				
5 7 66	1405	1080.		20.0	5.0	7.6	794		145.0		0.36	0.36	0.66	2.45	0.30	5.60	17				
18 7 66	1620	900.		22.0	5.0	3.9	776	118	87.0	858	0.08	0.08	1.00	1.80	0.20	1.00					
15 8 66	1500	128000.		18.0	7.0	6.0	982	264	77.0	908	0.16	0.16	0.26	3.10	0.04	0.05	53				

NO. SAMPLES	5	5	5	5	5	4	5	3	5	5	5	5	5	5	3
MAXIMUM	128000.	22.0	15.0	7.6	982	264	220.0	908	0.42	0.42	1.00	3.10	0.30	9.00	53
MINIMUM	800.	10.5	5.0	1.4	354	15	3.6	525	0.02	0.02	0.00	0.33	0.01	0.05	17
AVERAGE	42156.	17.1	8.6	4.7	700	157	106.5	763	0.21	0.21	0.40	2.03	0.11	3.69	29
MEDIAN	1080.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- AUSABLE RIVER

STREAM MILEAGE- A 97.5

LOCATION CODE: 08-0022-02-008

STREAM- AUSABLE RIVER

SAMPLE POINT DESCRIPTION- CONCESSION ROAD 8 STAFFA

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 4 66 1540	7900.		9.0	13.0	1.3	326		3.5		0.10	0.00	0.00	0.20	0.01	1.50					
15 6 66 1315	31000.		11.0	9.0	2.9	328	66	36.0	394	0.32	0.10	0.03	1.06	0.00	1.20	8				
5 7 66 1340	12000.		16.0	11.0	1.9	210	26	2.9	463	0.20	0.06	0.13	0.52	0.01	4.60	12				
18 7 66 1600	710.		20.0	11.0	0.5	364	8	4.0		0.10	0.10	0.05	0.26	0.01	2.60					
15 8 66 1420	12000.		14.0	9.0	8.6	960	526	95.0	574	1.98	0.06	0.26	2.80	0.04	2.00	10				
29 8 66 1335	200.		17.0	9.0	0.4			2.8		0.04	0.01	0.00	0.13	0.04						

NO. SAMPLES	6	6	6	6	5	4	6	3	6	6	6	6	6	5	3
MAXIMUM	31000.	20.0	13.0	8.6	960	526	95.0	574	1.98	0.10	0.26	2.80	0.04	4.60	12
MINIMUM	200.	9.0	9.0	0.4	210	8	2.8	394	0.04	0.00	0.00	0.13	0.00	1.20	8
AVERAGE	10635.	14.5	10.3	2.6	437	156	24.0	477	0.46	0.05	0.08	0.83	0.02	2.38	10
MEDIAN	9950.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- BAYFIELD RIVER

STREAM MILEAGE- 8 0.1

LOCATION CODE: 08-0040-02-001

STREAM- BAYFIELD RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO 21

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
24 11 65	640.		4.0	13.0	1.0			7.0	520	0.12	0.08	0.00	0.84	0.00	3.00	15	320	246	0.39	8.4
8 2 66	800.		0.0	13.0	0.6	402	15	7.5	560	0.14	0.08	0.05	0.40	0.00	1.50	12				
5 4 66	188.		0.0	9.0	2.8	318	15		499	0.06	0.06	0.00	0.52	0.01	2.50	11				
10 5 66	32.		10.0	7.0	2.3	248	15	3.6		0.02	0.00	0.00	0.40	0.01	0.75	19	230	191	0.11	8.4
25 5 66	60.		21.0	12.0	1.2	244		12.0		0.08	0.00	0.05	0.40	0.00	0.40	19				
27 6 66	10.		27.0	9.0	2.2	316	22	9.0	401	0.22	0.06	0.66	2.30	0.03	0.00	18				
21 7 66	240.		20.0	7.0	1.8	258	94	32.0	304	0.24	0.06	0.05	0.91	0.01	0.04	9	148	132	1.34	7.8
3 8 66	72.		21.0	7.0	2.4	244	16	14.0	354	0.14	0.12	0.22	1.10	0.01	0.00	14				
16 8 66	2000.		23.5	8.0	1.1	254	10	8.0	390	0.16	0.06	0.13	1.40	0.01	0.03					

NO. SAMPLES	9	9	9	9	8	7	8	7	9	9	9	9	9	9	8	3	3	3	3
MAXIMUM	2000.	27.0	13.0	2.8	402	94	32.0	560	0.24	0.12	0.66	2.30	0.03	3.00	19	320	246	1.34	8.4
MINIMUM	10.	0.0	7.0	0.6	244	10	3.6	304	0.02	0.00	0.00	0.40	0.00	0.00	9	148	132	0.11	7.8
AVERAGE	449.	14.1	9.4	1.7	285	26	11.6	432	0.13	0.06	0.13	0.92	0.01	0.91	14	232	189	0.61	8.2
MEDIAN	188.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- BAYFIELD RIVER

STREAM MILEAGE- 28.8

LOCATION CODE: 08-0040-02-002

STREAM- BAYFIELD RIVER

SAMPLE POINT DESCRIPTION- MAIN ST.TOWN OF SEAFORTH

DATE SAMPLED D M Y	HOURLY CFS	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
23 11 65				5.0	10.0	1.0		15	4.0	570	0.48	0.16	0.00	0.52	0.01	3.00	13	348	279	0.19	8.2
8 2 66		330.		5.0	12.0	2.2	526	26	0.5		0.08		0.16	0.46	0.00	1.50	43				
5 4 66		5900.		0.0	7.0	5.1	328	15		528	0.08	0.00	0.23	0.77	0.01	4.00	12				
10 5 66		6300.		9.0	10.0	1.9	318	15	4.0	556	0.36	0.33	0.10	0.40	0.01	1.00	18	270	226	0.12	8.1
25 5 66		970.		21.0	14.0	1.9	272		6.5		0.22	0.12	0.05	0.46	0.00	0.40	21				
27 6 66		60.		29.0	11.0	4.4	430	15	4.0	535	0.88	0.68	0.46	7.30	0.20	0.50	26				
2 8 66				22.5	12.0	4.2	484	14	13.0	788	4.75	2.80	0.05	1.05	0.50	0.90	38				
8 9 66		7000.		18.0	11.0	3.3	434	8	311.0	654	1.24	1.12	0.06	1.35	0.04	0.40	33				

NO.SAMPLES	6	8	8	8	7	7	7	6	8	7	8	8	8	8	8	2	2	2	2
MAXIMUM	7000.	29.0	14.0	5.1	526	26	311.0	788	4.75	2.80	0.46	7.30	0.50	4.00	43	348	279	0.19	8.2
MINIMUM	60.	0.0	7.0	1.0	272	8	0.5	528	0.08	0.00	0.00	0.40	0.00	0.40	12	270	226	0.12	8.1
AVERAGE	3427.	13.7	10.9	3.0	398	15	49.0	605	1.01	0.74	0.14	1.54	0.10	1.46	25	309	252	0.15	8.1
MEDIAN	3435.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR



RIVER BASIN- BAYFIELD RIVER

STREAM MILEAGE- BFL 39.8

LOCATION CODE: 08-0040-02-004

STREAM- LIFFY DITCH

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 8

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
23 11 65				5.0	12.0	0.9		15	2.5	530	0.36	0.08		0.46		2.00	10				
8 2 66		1190.		5.0	6.0	2.4	568	158	34.0	550	0.48	0.13	0.78	1.20	0.00	0.50	15				
5 4 66		600.		0.0	11.5	2.6	364	22		518	0.02	0.02	0.00	0.40	0.00	2.00	11				
10 5 66		152.		9.0	10.0	1.8	262	15	4.0	476	0.04	0.00	0.00	0.52	0.00	0.70	9	250	219	0.10	8.0
26 5 66		16000.		20.0	16.0	2.4	302	16	8.0	423	0.12	0.06	0.00	0.78	0.01	0.40	16				
27 6 66		310.		28.5	4.0	2.8	362	15	6.5	545	0.12	0.10	0.20	2.20	0.00	0.02	18				
2 8 66				21.0	6.0	7.6	370	28	23.0	568	1.54	1.30	0.10	3.10	0.25	0.30	48				
8 9 66		8000.		14.5	6.0	3.2	484	7	8.5	713	0.26	0.06	0.13	1.80	0.01	0.20	49				

NO. SAMPLES

6

8

8

8

7

8

7

8

8

8

7

8

7

8

8

1

1

1

1

MAXIMUM	16000.	28.5	16.0	7.6	568	158	34.0	713	1.54	1.30	0.78	3.10	0.25	2.00	49	250	219	0.10	8.0
MINIMUM	152.	0.0	4.0	0.9	262	7	2.5	423	0.02	0.00	0.00	0.40	0.00	0.02	9	250	219	0.10	8.0
AVERAGE	4375.	12.9	8.9	3.0	387	34	12.4	540	0.37	0.22	0.17	1.31	0.04	0.76	22	250	219	0.10	8.0
MEDIAN	895.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- M 1.7

LOCATION CODE: 08-0056-02-001

STREAM- MAITLAND RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 21

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
1 11 65		68.				1.8	548	3													
24 11 65		240.		5.0	14.0	1.1			2.6	790	0.16	0.04	0.05	0.52	0.00	1.00	97	346	260	0.28	8.4
20 12 65	1415	250.		2.0	14.0																
3 1 66	1415	214.		2.0	14.0	1.1	278	15	3.8		0.17	0.09	0.00	0.71	0.00	1.00	13				
17 1 66	1435	44.		0.0	13.0	1.6	618	15	2.9		0.09	0.03	0.03	0.26	0.01	1.00	110				
1 2 66	1505	68.		0.0	11.0	2.1	650	15			0.12	0.06	0.05	0.40	0.00	0.80	153				
8 2 66	1505	92.		0.0	12.0	1.6	522	15	1.0	775	0.06	0.04	0.03	0.71	0.00	1.00	85				
14 2 66	1420	190.		0.0	12.0	2.4	238	15	4.0		0.24	0.14	0.16	1.10	0.02	1.25	9				
1 3 66	1215	60.		0.0	14.0	1.0	416	15	7.5	548	0.14	0.09	0.00	0.71	0.01	1.00	31				
15 3 66	1415	60.		2.0	14.0	1.4	314	15			0.10	0.04	0.06	0.20	0.04	1.25	10				
29 3 66	1400	46.		0.0	14.0	1.3	358	1		578	0.02	0.02	0.00		0.00	1.00					
11 4 66	1400			4.0	13.0	1.7	348	56	2.3		0.08	0.08	0.00	0.40	0.01	1.00	48				
2 5 66	1845			9.0	12.0	1.7	330	15			0.14	0.14	0.00	0.60	0.01	0.60					
24 5 66	1320	28.		19.0	11.0	1.8	338		3.8		0.08	0.08	0.00	0.46	0.00	0.10	29				

NO. SAMPLES	12	13	13	13	12	11	8	4	12	12	12	11	12	12	10	1	1	1	1
MAXIMUM	250.	19.0	14.0	2.4	650	56	7.5	790	0.24	0.14	0.16	1.10	0.04	1.25	153	346	260	0.28	8.4
MINIMUM	28.	0.0	11.0	1.0	238	1	1.0	548	0.02	0.02	0.00	0.20	0.00	0.10	9	346	260	0.28	8.4
AVERAGE	113.	3.3	12.9	1.6	413	16	3.5	672	0.12	0.07	0.03	0.55	0.01	0.92	58	346	260	0.28	8.4
MEDIAN	68.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- MB 31.7

LOCATION CODE: 08-0056-02-002

STREAM- BLYTH BROOK

SAMPLE POINT DESCRIPTION- SIDE RD, WEST OF VILL. OF BLYTH

DATE SAMPLED			HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
1	11	65		2900.				1.0	400	1													
20	12	65	1400	1150.		0.0	13.0	1.0	376		3.8	510	0.14	0.10	0.02	0.52	0.00	1.00	11				
3	1	66	1500	2700.		2.0	12.0	1.8	262	15	3.1		0.10	0.06	0.00	1.00	0.00	1.00	8				
14	1	66	1515	1300.		0.0	11.0	2.2	292	15	3.5	392	0.16	0.08	0.03	1.00	0.01	1.25	9				
17	1	66	1515			0.0	11.0	1.6	326	15	3.1	493	0.12	0.04	0.03	0.52	0.01	1.00	8				
1	2	66	1600	1400.		0.0	10.0	1.5	458	15	2.6		0.16	0.07	0.26	1.00	0.01	1.25	14				
1	3	66	1500	11000.		1.0	10.0	1.8	280	15	5.5	366	0.40	0.20	0.30	1.80	0.01	1.10	16				
15	3	66	1450	780.		1.0	13.0	1.2	240	15			0.08	0.06		0.20		1.00	6				
29	3	66	1440	290.		0.0	16.0	1.3	308	2		477	0.04	0.02	0.00	0.71	0.00	1.00	17				
11	4	66	1445	0.		4.0	15.0	1.3			1.8		0.04	0.04	0.00	0.13	0.01	0.90	15				
2	5	66	1800	540.		10.0	16.0	1.7	362	15			0.12	0.09	0.00	0.71	0.01	0.40					
24	5	66	1400	1200.		17.0	11.0	1.4			4.0		0.14	0.04	0.15	0.70	0.00	0.34	16				

NO. SAMPLES	11	11	11	12	10	9	8	5	11	11	10	11	10	11	10
MAXIMUM	11000.	17.0	16.0	2.2	458	15	5.5	510	0.40	0.20	0.30	1.80	0.01	1.25	17
MINIMUM	0.	0.0	10.0	1.0	240	1	1.8	366	0.04	0.02	0.00	0.13	0.00	0.34	6
AVERAGE	2115.	3.2	12.5	1.5	330	12	3.4	447	0.14	0.07	0.08	0.75	0.01	0.93	12
MEDIAN	1200.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- M 48.0

LOCATION CODE: 08-0056-02-003

STREAM- MAITLAND RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 26

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
1	11	65				1.1	410	1													
20	12	65		0.0	14.0	4.6	388		3.3	520	0.20	0.13	0.02	0.46	0.00	1.00	12				
3	1	66		0.0	14.0	1.1	308	15	2.9		0.12	0.11	0.05	0.40	0.00	1.25	8				
17	1	66		0.0	13.0	1.8	398	15	2.9		0.11	0.08	0.03	0.33	0.01	1.20	11				
1	2	66		0.0	10.0	1.9	416	15	2.1		0.12	0.09	0.23	0.58	0.01	1.25	13				
14	2	66		0.0	12.0	3.4	258	15	4.0		0.24	0.13	0.16	1.20	0.02	1.20	10				
1	3	66		0.0	13.0	1.7	352	15	2.6	490	0.18	0.16	0.10	1.00	0.01	1.10	11				
15	3	66		3.0	13.0	1.8	270	15			0.16	0.06	0.16	0.71		1.00	7				
29	3	66		2.0	15.0	1.3	340	1		504	0.02	0.02	0.00	0.46	0.01	1.00					
11	4	66		5.0	14.0	1.5			2.1		0.06	0.06	0.00	0.60	0.01	1.00	10				
2	5	66		7.0	12.0	1.2	318	15	1.8			0.09		0.40		0.50					
24	5	66		17.0	9.0	1.4	346		4.0		0.08	0.01	2.30	0.90	0.00	0.06	15				

NO. SAMPLES	10	11	11	12	11	9	9	3	10	11	10	11	9	11	9
MAXIMUM	2600.	17.0	15.0	4.6	416	15	4.0	520	0.24	0.16	2.30	1.20	0.02	1.25	15
MINIMUM	10.	0.0	9.0	1.1	258	1	1.8	490	0.02	0.01	0.00	0.33	0.00	0.06	7
AVERAGE	552.	3.1	12.6	1.9	345	11	2.9	504	0.13	0.09	0.30	0.64	0.01	0.96	10
MEDIAN	200.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- M 62.4

LOCATION CODE: 08-0056-02-004

STREAM- MAITLAND RIVER

SAMPLE POINT DESCRIPTION- ONE MILE NORTHEAST OF WROXETER

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 12 65	1815	82.		1.0	13.0	0.4	400		3.3	530	0.08	0.05	0.03	0.52	0.00	1.10	13				
3 1 66	1950	218.		1.0	14.0	1.6	324	15	3.8		0.10	0.10	0.06	0.46	0.00	1.00	11				
17 1 66	2010	54.		0.0	11.0	1.4	358	15	2.6	523	0.10	0.05	0.00	0.52	0.01	1.25	11				
1 2 66	2020	88.		0.0	11.0		382	15	2.5		0.26	0.08	0.26	0.71	0.01	1.25	13				
14 2 66	1955	42.		0.0	12.0	1.8	280	15	2.6		0.14	0.08	0.12	1.00	0.02	1.00	8				
1 3 66	1940	230.		0.0	13.0	1.5	432	15	2.1	471	0.16	0.07	0.12	0.71	0.01	1.25	11				
15 3 66	1930	70.		3.0	13.0	1.4	236	15			0.14	0.04	0.00	0.71	0.01	1.00	8				
29 3 66	1825	40.		3.0	14.0	3.1	322	2		482	0.02	0.02	0.00	0.71	0.01	1.00					
11 4 66	1830			5.0	14.0	1.6	306	44	2.6		0.03	0.03	0.00	0.71	0.00	0.85	12				
2 5 66	1425			6.0	11.0	1.0	320	15			0.22	0.06	0.15	0.40	0.00	0.60	5				
24 5 66	1805	30.		18.0	9.0	1.4	330		4.0		0.18	0.01	0.05	0.84	0.01	0.00	17				

NO. SAMPLES	9	11	11	10	11	9	8	4	11	11	11	11	11	11	10
MAXIMUM	230.	18.0	14.0	3.1	432	44	4.0	530	0.26	0.10	0.26	1.00	0.02	1.25	17
MINIMUM	30.	0.0	9.0	0.4	236	2	2.1	471	0.02	0.01	0.00	0.40	0.00	0.00	5
AVERAGE	95.	3.4	12.3	1.5	335	16	2.9	501	0.13	0.05	0.07	0.66	0.01	0.94	10
MEDIAN	70.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- MM 69.1

LOCATION CODE: 08-0056-02-005

STREAM- MID. MAITLAND R

SAMPLE POINT DESCRIPTION- BELOW CREAMERY, VILL. OF BRUSSELS

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
1 11 65		160.				1.2	436	2													
20 12 65	1500	620.		0.0	12.0	1.4	436		4.0	550	0.36	0.26	0.06	0.84	0.01	1.25	12				
3 1 66	1550	3000.		3.0	14.0	1.9	320	15	9.0		0.34	0.12	0.00	0.60	0.00	1.25	7				
17 1 66	1600	800.		0.0	12.0	2.4	458	15	3.5		0.28	0.13	0.03	0.52	0.01	1.50	21				
1 2 66	1645	1000.		0.0	8.0	2.9	460	15	2.5		0.18	0.11	0.06	0.58	0.00	1.25	14				
14 2 66	1555	2900.		0.0	13.0	2.4	262	15	4.0		0.28	0.24	0.20	1.20	0.02	1.25	9				
1 3 66	1540	290.		0.0	13.0	0.9	368	15	2.6	547	0.30	0.22	0.20	1.10	0.01	0.90	13				
15 3 66	1525	300.		1.0	13.0	1.8	278	17	7.0	413	0.40	0.24	0.26	1.10	0.01	1.00	6				
29 3 66	1510	1170.		1.0	13.0	2.6	372	1		565	0.08	0.08	0.00	1.10	0.01	1.15					
11 4 66	1525			5.0	13.0	3.2			1.5		0.06	0.06	0.00	0.33	0.01	1.25	13				
2 5 66	1735			9.0	12.0	1.4	348	15				0.09		0.52		0.50					
24 5 66	1430	1300.		19.0	11.0	3.2	346	15	4.0		0.48	0.33	0.05	0.84	0.00	0.20	11				

NO. SAMPLES	10	11	11	12	11	10	9	4	10	11	10	11	10	11	9
MAXIMUM	3000.	19.0	14.0	3.2	460	17	9.0	565	0.48	0.33	0.26	1.20	0.02	1.50	21
MINIMUM	160.	0.0	8.0	0.9	262	1	1.5	413	0.06	0.06	0.00	0.33	0.00	0.20	6
AVERAGE	1154.	3.5	12.2	2.1	371	12	4.2	518	0.28	0.17	0.09	0.79	0.01	1.05	11
MEDIAN	900.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- MMLW 82.0

LOCATION CODE: 08-0056-02-006

STREAM- L. MAITLAND R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 23

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
1 11 65		5700.				1.8	482	2													
15 12 65	1500	6500.		2.5	10.0	1.1	430	10	6.0		0.24	0.20	0.33		0.02	2.20	25				
20 12 65	1725	6300.		0.0	10.0																
3 1 66	1825	18700.		4.0	11.0	2.2	418	15	4.0		0.72	0.64	1.00	1.80	0.03	2.00	29				
17 1 66	1850	2900.		0.0	6.0	3.6	474	15	2.6	732	2.72	2.40	3.94	5.90	0.06	0.65	33				
1 2 66	1905	10200.		0.0	3.0	19.0	494	24	4.0		4.80	4.50	9.80	9.90	0.12	0.00	36				
14 2 66	1855	37000.		2.0	9.0	4.8	352	15	3.5		1.18	0.68	1.05	3.10	0.05	1.20	25				
1 3 66	1830	30000.		0.0	9.0	4.0	346	32	6.5	548	1.28	0.78	1.70	2.60	0.05	1.20	48				
15 3 66	1830	13000.		2.0	11.0	3.0	358	15	2.6	506	1.08	0.64	0.13	2.10	0.03	1.50	23				
29 3 66	1615	9000.		5.0	13.0	2.1	410	3		671	1.38	0.90		0.71	0.05	1.20	42				
11 4 66	1645			6.0	14.0	2.2	408	16	2.8		0.86	0.60	0.60	1.40	0.03	1.35	21				
2 5 66	1500			8.0	13.0	2.4	438	15	1.5			1.52		2.60		1.10					
24 5 66	1645	4000.		18.0	12.0	4.4	458		5.5		1.98	1.88	1.40	2.80	0.00	0.80	46				

NO. SAMPLES	11	12	12	12	12	11	10	4	10	11	9	10	10	11	10
MAXIMUM	37000.	18.0	14.0	19.0	494	32	6.5	732	4.80	4.50	9.80	9.90	0.12	2.20	48
MINIMUM	2900.	0.0	3.0	1.1	346	2	1.5	506	0.24	0.20	0.13	0.71	0.00	0.00	21
AVERAGE	13027.	4.0	10.1	4.2	422	14	3.9	614	1.62	1.34	2.22	3.29	0.04	1.20	32
MEDIAN	9000.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- M 83.8

LOCATION CODE: 08-0056-02-007

STREAM- MAITLAND RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 87

DATE SAMPLED			HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND. 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
D	M	Y																					
1	11	65		2000.				1.0	390	2													
15	12	65	1530	4100.		1.0	11.0	1.1	288	7	5.0		0.12	0.10	0.06		0.00	1.00	10				
20	12	65	1750	11700.		0.0	11.0	2.8	414		2.8		0.16	0.12	0.03	0.39	0.01	0.90	14				
3	1	66	1915	5300.		1.0	13.0	1.4	304	15	3.3		0.16	0.15	0.00	0.40	0.00	0.80	10				
17	1	66	1925	3200.		0.0	11.0	2.0	406	15	3.3	540	0.24	0.16	0.10	0.52	0.01	0.75	11				
1	2	66	1940	2100.		0.0	8.0	3.0	394	15	2.3	694	0.46	0.38	0.46	0.71	0.01	0.75	11				
14	2	66	1920	1400.		0.0	10.0	2.0	272	15	2.3		0.10	0.09	0.03	1.10	0.02		9				
1	3	66	1900	3300.		0.0	12.0	2.2	290	15	3.6	434	0.28	0.20	0.66	0.84	0.01	0.75	13				
15	3	66	1900	190.		2.0	13.0	1.6	254	15			0.12	0.06	0.00	0.71	0.01	1.50	7				
29	3	66	1700	11000.		2.0	14.0	1.7	348	2		503	0.28	0.14	0.00		0.01	0.50					
11	4	66	1800			5.0	14.0	1.7			1.8		0.22	0.14	0.00	0.46	0.01	0.60	14				
2	5	66	1450			6.0	13.0	1.4	318	15	3.1			0.22		0.84		0.22					
24	5	66	1715	700.		17.0	10.0	1.7			7.0		0.48	0.28	0.10	1.10	0.00	0.00	17				

NO. SAMPLES	11	12	12	13	11	10	10	4	11	12	11	10	11	11	10
MAXIMUM	11700.	17.0	14.0	3.0	414	15	7.0	694	0.48	0.38	0.66	1.10	0.02	1.50	17
MINIMUM	190.	0.0	8.0	1.0	254	2	1.8	434	0.10	0.06	0.00	0.39	0.00	0.00	7
AVERAGE	4090.	2.8	11.7	1.8	334	11	3.4	542	0.24	0.17	0.13	0.71	0.01	0.71	11
MEDIAN	3200.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- MP 86.4

LOCATION CODE: 08-0056-02-008

STREAM- MAITLAND RIVER

SAMPLE POINT DESCRIPTION- CONCESSION RD.NO.2 PALMERSTON

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 11 65		690.		3.0	11.0	1.1			4.0	570	0.24	0.08	0.05	0.46	0.00	1.00	16	346	262	0.28	8.1
20 12 65		6300.				2.6	474		3.3		1.12	1.00	0.66	1.80	0.04	1.50	30				
17 2 66		120.		0.0	11.0	1.8	334	15	2.0	475	0.12	0.03	0.05	0.46	0.00	1.00	22				
6 4 66		176.		2.0	13.0	2.8	396	62		528	0.06	0.00	0.00	0.40	0.01	1.00	16				
9 5 66		130.		9.0	11.0	2.5	392	15	4.0	594	0.06	0.00	0.00	0.65	0.01	0.45	17	310	262	0.30	8.5
25 5 66		530.		13.0	10.0	1.4	384	15			0.10	0.01	0.00	0.78	0.00	0.06	17		300		8.4
27 6 66		370.		24.0	5.0	2.3	424	15	4.0		0.16	0.04	0.10	0.90	0.02	0.00	23				
2 8 66				18.0	5.5	3.9	394	20	9.5	591	0.20	0.02	0.40	1.20	0.12	0.30	22				
8 9 66		980.		13.5	6.0																6.9

NO. SAMPLES	8	8	8	8	7	6	6	5	8	8	8	8	8	8	8	2	3	2	4
MAXIMUM	6300.	24.0	13.0	3.9	474	62	9.5	594	1.12	1.00	0.66	1.80	0.12	1.50	30	346	300	0.30	8.5
MINIMUM	120.	0.0	5.0	1.1	334	15	2.0	475	0.06	0.00	0.00	0.40	0.00	0.00	16	310	262	0.28	6.9
AVERAGE	1162.	10.3	9.1	2.3	399	23	4.5	551	0.26	0.15	0.16	0.83	0.02	0.66	20	328	274	0.29	8.0
MEDIAN	450.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- MM 87.6

LOCATION CODE: 08-0056-02-009

STREAM- MID.MAITLAND R

SAMPLE POINT DESCRIPTION- HAMLET OF TROWBRIDGE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
1 11 65		3300.				3.6	406	9													
15 12 65	1800			1.0	9.0	1.8	288	9	7.0		0.48	0.44	0.23	0.98	0.00	1.10	11				
20 12 65	1530	380.		0.0	12.0	3.2	440	43	3.1		2.14	1.64	1.48	2.80	0.02	1.25	24				
3 1 66	1630	4700.		1.0	14.0	1.7	302	15	3.3		0.15	0.14	0.08	0.40	0.01	1.25	11				
17 1 66	1640	1000.		0.0	11.0	1.0	526	15	3.5		0.35	0.27	0.33	0.84	0.01		81				
1 2 66	1720	1000.		0.0	9.0	1.8	464	15	2.9		0.48	0.40	0.53	0.84	0.02	1.50	32				
14 2 66	1630	2600.		0.0	11.0	5.2	300	15	3.8		0.94	0.68	0.66	2.30	0.03	1.00	15				
1 3 66	1620	12000.		0.0	11.0	3.4	290	21	7.5	399	1.08	0.80	1.00	2.60	0.02	0.80	16				
15 3 66	1605	410.		0.0	14.0	1.8	230	15	4.0	396	0.38	0.26	0.00	0.52	0.00	0.75	9				
29 3 66	1545	136.		1.0	15.0	2.0	362	2		570	0.81	0.64		0.33	0.02	1.00					
11 4 66	1605			4.0	16.0	1.8			3.6		0.42	0.22	0.16	0.71	0.01	1.00	19				
2 5 66	1555			8.0	13.0	2.4	358	15				0.63	0.43	1.20	0.03	0.70					
24 5 66	1500	1200.		18.0	11.0	4.8	358	15	8.5		1.12	0.96	0.00	1.10	0.00	0.08	25				

NO.SAMPLES	10	12	12	13	12	12	10	3	11	12	11	12	12	11	10
MAXIMUM	12000.	18.0	16.0	5.2	526	43	8.5	570	2.14	1.64	1.48	2.80	0.03	1.50	81
MINIMUM	136.	0.0	9.0	1.0	230	2	2.9	396	0.15	0.14	0.00	0.33	0.00	0.08	9
AVERAGE	2673.	2.7	12.2	2.7	360	15	4.7	455	0.76	0.59	0.45	1.22	0.01	0.95	24
MEDIAN	1100.														

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- MAITLAND RIVER

STREAM MILEAGE- MMB 95.5

LOCATION CODE: 08-0056-02-010

STREAM- DRAINAGE DITCH

SAMPLE POINT DESCRIPTION- AT SIDE RD. NO. 3&amp;4 MILVERTON

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
1 11 65					1.1	540	3													
23 11 65			5.0	10.0	1.3		15	9.5	570	0.60	0.52	0.23	1.00	0.01	3.00	13	338	272	0.53	7.7
15 2 66	81000.		1.3	9.0	3.0	448	10	4.0	650	1.50	0.80	1.00	2.30	0.00	4.00	33				
5 4 66	0.		2.0	11.0		211	18		704	1.92	1.18	0.92	2.95	0.02	3.00	30				
9 5 66	1410000.		9.0	10.0		1150	174	130.0	1080	16.00	11.00	3.12	33.00	0.00	0.08	89	400	166	1.25	5.9
25 5 66	2400000.		21.0	12.0	17.0	530	24	21.0	836	4.40	2.80	0.10	2.50	0.30	0.12	59		345		7.8
27 6 66	150000.		23.0	4.0	29.0	972	20	12.0	157	15.60	15.00	11.50	17.00	0.02	0.00	191				
2 8 66			19.5	4.0		650	10	4.0	1075	2.96	2.55	4.10	4.80	1.00	2.00	106				
8 9 66	950000.		12.5	5.0	9.0	808	25	24.0	1204	7.80	7.00	7.36	9.90	0.40	0.60	111				

NO. SAMPLES	6	8	8	6	8	9	7	8	8	8	8	8	8	8	8	2	3	2	3
MAXIMUM	2400000.	23.0	12.0	29.0	1150	174	130.0	1204	16.00	15.00	11.50	33.00	1.00	4.00	191	400	345	1.25	7.8
MINIMUM	0.	1.3	4.0	1.1	211	3	4.0	157	0.60	0.52	0.10	1.00	0.00	0.00	13	338	166	0.53	5.9
AVERAGE	831833.	11.7	8.1	10.1	663	33	29.2	784	6.35	5.11	3.54	9.18	0.22	1.60	79	369	261	0.89	7.1
MEDIAN	550000.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- LUCKNOW RIVER

STREAM MILEAGE- L 0.8

LOCATION CODE: 08-0076-02-001

STREAM- LUCKNOW RIVER

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO.21

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
24 11 65		340.		5.0	12.0	1.2			2.3	465	0.12	0.08	0.05	0.71	0.00	0.50	12		242	0.30	8.4
16 2 66		130.		0.2	11.0																
4 4 66		32.		1.0	10.5	2.2	276	15			0.04	0.04	0.00	0.33	0.00	0.54	13				
10 5 66		12.		9.0	11.0	1.2	308	15	4.0	495	0.02	0.00	0.00	0.40	0.00	0.15	14	260	237	0.25	8.6
25 5 66		130.		22.0	9.0	1.2	292	15	6.5		0.06	0.06	0.05	0.46	0.00	0.00	18				
27 6 66				21.0	6.0	3.2	364	15	8.0	486	0.04	0.01	0.20	1.00	0.01	0.30	24				
21 7 66		110.		22.0	10.0	2.9	262	10	8.0	420	0.10	0.10	0.05	0.84	0.01	0.10	17	198	179	0.36	8.2
3 8 66		192.		22.5	8.0	1.3	284	15	12.0	426	0.14	0.02	0.16		0.00	0.10	18				
17 8 66		8.		25.5	9.0	1.8	284	11			0.06	0.01	0.13	1.00	0.01	0.13					

NO.SAMPLES	8	9	9	8	7	7	6	5	8	8	8	7	8	8	7	2	3	3	3
MAXIMUM	340.	25.5	12.0	3.2	364	15	12.0	495	0.14	0.10	0.20	1.00	0.01	0.54	24	260	242	0.36	8.6
MINIMUM	8.	0.2	6.0	1.2	262	10	2.3	420	0.02	0.00	0.00	0.33	0.00	0.00	12	198	179	0.25	8.2
AVERAGE	119.	14.2	9.6	1.9	295	13	6.8	458	0.07	0.04	0.08	0.68	0.00	0.23	16	229	219	0.30	8.4
MEDIAN	120.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- PINE RIVER

STREAM MILEAGE- P 1.2

LOCATION CODE: 08-0103-02-001

STREAM- PINE RIVER

SAMPLE POINT DESCRIPTION- CON. A, HURON TWP.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SQL PPM	SUSP SQL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB	
24	11	65		320.	5.0	10.0	1.2		37	27.0	470	0.16	0.12	0.00	0.71	0.00	0.80	9	298	250	1.02	8.3
16	3	66		110.	5.0	11.5	2.0	296	17	10.0	405	0.14	0.06	0.10	0.52	0.00	1.00	7				
4	4	66		50.	2.0	12.0	2.8	328	37			0.13	0.01	0.30	0.71	0.00	1.00	8				
11	5	66		20.	10.0	12.0	5.4	288	15	6.0	417	0.10	0.00	0.00	0.46	0.01	0.06	13	260	229	0.38	8.2
25	5	66		600.	20.0	11.0	4.0	268	15	8.5		0.01	0.01	0.00	1.15	0.00	0.00	9				
27	6	66		0.	24.0	6.0	6.2	496	205	59.0	427	0.36	0.03	0.43	1.95	0.01	0.05	20				
21	7	66		320.	22.0	7.0	3.6	446	114	95.0	465	0.52	0.04	0.12	1.80	0.00	0.00	44	206	174	2.80	8.1
3	8	66		1000.	21.0	7.0	6.4	550	86	62.0	596	0.20	0.10	0.33	1.70	0.01	0.00	62				
17	8	66		100.			3.4	432		42.0	505	0.76	0.26	0.16	2.10	0.01	0.03	66				

NO. SAMPLES	9	8	8	9	8	8	8	7	9	9	9	9	9	9	9	3	3	3	3
MAXIMUM	1000.	24.0	12.0	6.4	550	205	95.0	596	0.76	0.26	0.43	2.10	0.01	1.00	66	298	250	2.80	8.3
MINIMUM	0.	2.0	6.0	1.2	268	15	6.0	405	0.01	0.00	0.00	0.46	0.00	0.00	7	206	174	0.38	8.1
AVERAGE	280.	13.6	9.6	3.9	388	65	38.7	469	0.26	0.07	0.16	1.23	0.00	0.33	26	254	217	1.40	8.2
MEDIAN	110.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- PENETANGORE R.

STREAM MILEAGE- P 0.3

LOCATION CODE: 08-0107-02-001

STREAM- PENETANGORE R.

SAMPLE POINT DESCRIPTION- FIRST BRIDGE ABOVE L. HURON

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB		
24	11	65		460.		3.5	12.0	2.0		326	100.0	360	0.70	0.12	0.05	1.00	0.00	1.30	9	222	182	6.60	8.1
16	2	66		230.		0.4	12.0	2.0	252	15	10.5	370	0.20	0.08	0.02	0.46	0.00	1.00	8				
4	4	66		180.		2.0	11.5	2.4	316	33		432	0.13	0.04	0.00	0.00	0.00	0.56	11				
11	5	66		260.		9.0	11.0	1.3	304	15	18.0	508	0.08	0.01	0.13	0.40	0.00	0.12	18	2	223	0.71	8.4
25	5	66		122.		21.0	11.0	2.6	336	15	7.0		0.06	0.00	0.00	0.40	0.00	0.00	17				
27	6	66				21.0	7.0	2.6	208	17	8.0		0.02	0.01	0.20	0.46	0.01	0.05	14				
21	7	66		180.		18.0	8.0	1.7	140	15	6.0	240	0.02	0.02	0.02	0.20	0.00	0.00	7	98	86	0.58	8.1
3	8	66		580.		19.5	8.0	3.2	214	16	8.5	301	0.20	0.08	0.22		0.01	0.06	14				
17	8	66		380.		23.5	9.0	2.2	268	15	10.5	396	0.14	0.02	0.13	1.20	0.01	0.03	22				

NO. SAMPLES	8	9	9	9	8	9	8	7	9	9	9	8	9	9	9	3	3	3	3
MAXIMUM	580.	23.5	12.0	3.2	336	326	100.0	508	0.70	0.12	0.22	1.20	0.01	1.30	22	222	223	6.60	8.4
MINIMUM	122.	0.4	7.0	1.3	140	15	6.0	240	0.02	0.00	0.00	0.00	0.00	0.00	7	2	86	0.58	8.1
AVERAGE	299.	13.1	9.9	2.2	254	51	21.1	372	0.17	0.04	0.09	0.51	0.00	0.35	13	107	163	2.63	8.2
MEDIAN	245.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- SAUGEEN RIVER

STREAM MILEAGE- S 0.4

LOCATION CODE: 08-0123-02-001

STREAM- SAUGEEN RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 21

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB	
24	11	65	460.	3520.0	4.0	11.0	1.0	39	23.0	430	0.24	0.08	0.05	0.40	0.00	0.40	8	270	211	1.04	8.3	
16	2	66	220.	4430.0	1.0	13.0	3.0	244	15	6.5	350	0.14	0.06	0.10	0.40	0.00	0.50	6				
4	4	66	230.	3140.0	1.0	7.0	2.2	294	15		0.06	0.06	0.00	0.58	0.00	0.60	21					
11	5	66	270.	1300.0	10.0	12.0	1.9	322	15	5.5	504	0.02	0.00	0.00	0.33	0.00	0.40	9	270	216	0.35	8.5
25	5	66	66.	1540.0	17.0	9.0	1.0	312	15	6.5	474	0.04	0.00	0.05	0.40	0.00	0.00	7				
27	6	66		576.0	25.0	5.0	2.1	390	32	21.0		0.08	0.01	0.30	1.60	0.01	0.10	12				
21	7	66	108.	330.0	23.5	4.0	0.5	390	17	5.5	554	0.06	0.01	0.02	0.40	0.00	0.12	7	216	162	0.44	8.3
3	8	66	20.	470.0	20.5	8.0	1.2	450	2	595	0.05	0.01	0.20		0.01	0.05	10					
17	8	66	22000.	440.0	22.5	9.0	0.2	374	2	532	0.04	0.00	0.06	1.00	0.00	0.00						

NO. SAMPLES	8	9	9	9	9	8	9	6	7	9	9	9	8	9	9	8	3	3	3	3
MAXIMUM	22000.	4430.0	25.0	13.0	3.0	450	39	23.0	595	0.24	0.08	0.30	1.60	0.01	0.60	21	270	216	1.04	8.5
MINIMUM	20.	330.0	1.0	4.0	0.2	244	2	5.5	350	0.02	0.00	0.00	0.33	0.00	0.00	6	216	162	0.35	8.3
AVERAGE	2922.	1749.6	13.8	8.7	1.5	347	16	11.3	491	0.08	0.03	0.09	0.64	0.00	0.24	10	252	196	0.61	8.4
MEDIAN	225.																			
MAXIMUM KILOTONS/YEAR			56.75	13.10	1065.	135.3				0.833	0.278	0.437	1.79	0.006	2.183	64.98	937.	732.	3.608	
MINIMUM KILOTONS/YEAR			1.30	0.09	127.	0.9				0.017	0.000	0.000	0.13	0.000	0.000	2.28	70.	53.	0.143	
AVERAGE KILOTONS/YEAR			17.48	3.26	447.	35.0				0.202	0.082	0.109	0.93	0.001	0.673	19.35	451.	354.	1.400	

RIVER BASIN- SAUGEEN RIVER

STREAM MILEAGE- S 58.8

LOCATION CODE: 08-0123-02-003

STREAM- SAUGEEN RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 4

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 11 65	310.		3.0	9.0	1.4			2.3	410	0.20	0.20	0.05	0.33	0.00	0.40	6	244	205	0.38	8.3
4 4 66	480.		0.0	11.0	1.7	252	15			0.04	0.04	0.00	0.40	0.00	0.56	12				
11 5 66	76.		6.0	11.0	1.2	240	15	6.5	447	0.06	0.01	0.00	0.33	0.00	0.55	12	240	218	0.26	8.4
25 5 66	152.		15.0	8.0	0.8	342	15	3.6		0.06	0.01	0.00	0.84	0.00	0.50	10				
28 6 66			22.0	7.0	2.0	358	16	8.5		0.26	0.18	0.10	1.05	0.02	0.50	12				
3 8 66	60.		18.5	8.0	1.8	296	6	4.0	455	0.18	0.04	0.22		0.01	0.60	8				
8 9 66	19000.		18.5	8.0	1.3	286	4	3.3		0.22	0.10	0.02	0.33		0.50					

NO. SAMPLES	6	7	7	7	6	6	6	3	7	7	7	6	6	7	6	2	2	2	2
MAXIMUM	19000.	22.0	11.0	2.0	358	16	8.5	455	0.26	0.20	0.22	1.05	0.02	0.60	12	244	218	0.38	8.4
MINIMUM	60.	0.0	7.0	0.8	240	4	2.3	410	0.04	0.01	0.00	0.33	0.00	0.40	6	240	205	0.26	8.3
AVERAGE	3346.	11.9	8.9	1.5	295	11	4.7	437	0.15	0.08	0.06	0.55	0.00	0.52	10	242	211	0.32	8.3
MEDIAN	231.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- SAUGEEN RIVER

STREAM MILEAGE- S 78.2

LOCATION CODE: 08-0123-02-005

STREAM- SAUGEEN RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 4, TOWN OF DURHAM

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 11 65	310.		2.0	11.0	0.9			2.0	400	0.12	0.08	0.00	0.33	0.00	0.15	6	226	194	0.27	8.3
17 2 66	260.		0.3		1.0	210	15	0.6	345	0.08	0.04	0.05	0.46	0.00	0.25	6				
4 4 66	150.		0.0	12.0	2.0	240	15			0.08	0.08	0.10	0.26	0.00	0.00	12				
11 5 66	3400.		5.0	11.0	1.5	254	15	4.0	416	0.06	0.00	0.05	0.33	0.00	0.00	6	220	206	0.22	8.4
25 5 66	3800.		15.0	8.0	1.0	262	15	3.6		0.04	0.00	0.00	0.33	0.00	0.00	10				
28 6 66			24.0	8.0	1.6	324	22	6.0		0.10	0.06	0.06	1.05	0.01	0.40	10				
3 8 66	1010.		19.5	8.0	1.2	276	4		426	0.08	0.01	0.12		0.01	0.30	12				
8 9 66	5000.		18.5	9.0	2.3	328	44	9.5		0.24	0.00	0.02	1.10	0.00	0.30	10				

NO. SAMPLES	7	8	7	8	7	7	6	4	8	8	8	7	8	8	8	2	2	2	2
MAXIMUM	5000.	24.0	12.0	2.3	328	44	9.5	426	0.24	0.08	0.12	1.10	0.01	0.40	12	226	206	0.27	8.4
MINIMUM	150.	0.0	8.0	0.9	210	4	0.6	345	0.04	0.00	0.00	0.26	0.00	0.00	6	220	194	0.22	8.3
AVERAGE	1990.	10.5	9.6	1.4	270	18	4.3	396	0.10	0.03	0.05	0.55	0.00	0.17	9	223	200	0.24	8.3
MEDIAN	1010.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- SAUBLE RIVER

STREAM MILEAGE- 5

LOCATION CODE: 08-0135-02-001

STREAM- SAUBLE RIVER

SAMPLE POINT DESCRIPTION- LAKE HURON

21

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
24 11 65		90.		5.0	10.0	0.5			2.1	435	0.12	0.04	0.23	0.46	0.00	0.10	6	246	217	0.34	8.0
8 3 66	1605	18.		0.5	15.0	2.4	184	15	1.5	348	0.10	0.04	0.00	0.52	0.00	0.32	4	188	166	0.28	8.0
13 4 66	1600			7.0	9.0	0.2	248	15	1.8		0.02	0.00	0.00		0.00	0.00	5				
17 5 66	1520	72.		11.0	7.0	1.1	252				0.04	0.01	0.00	0.33	0.01	0.00	9				
15 6 66	1500			16.0	8.0	1.2	284	15							0.00						
6 7 66	1400	800.		20.0	7.0	0.9	220	5		334	0.08	0.08	0.13		0.00	0.15	6				
9 8 66	1425	730.		24.0	9.0	1.0	256	15	2.9	416					0.00	0.00	6				
7 9 66	1425	300.				1.1	270		1.1		0.00	0.00	0.03	0.40	0.00	0.03	7				

NO. SAMPLES	6	7	7	8	7	5	5	4	6	6	6	4	8	7	7	2	2	2	2
MAXIMUM	800.	24.0	15.0	2.4	284	15	2.9	435	0.12	0.08	0.23	0.52	0.01	0.32	9	246	217	0.34	8.0
MINIMUM	18.	0.5	7.0	0.2	184	5	1.1	334	0.00	0.00	0.00	0.33	0.00	0.00	4	188	166	0.28	8.0
AVERAGE	335.	11.9	9.3	1.0	244	13	1.9	383	0.06	0.03	0.06	0.43	0.00	0.09	6	217	191	0.31	8.0
MEDIAN	195.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- REDHILL CREEK

STREAM MILEAGE- R 0.1

LOCATION CODE: 09-0001-02-001

STREAM- REDHILL CREEK

SAMPLE POINT DESCRIPTION- BEACH RD., HAMILTON

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65	400000.	0.4	17.0	5.0	68.0	588	100	65.0	710	7.50	3.80	9.84	19.80	0.00	0.00	89	230	142	11.60	7.1
3 1 66	4700.	22.0	4.0	10.2	4.6	604	71	20.0		0.48	0.20	1.31	2.30	0.03	0.75	86				
7 3 66	170000.	81.0	3.5	6.0	9.2	574	38	17.0	879	2.00	0.86	2.13	6.10	0.06	1.00	96	320	165	1.26	7.7
9 5 66	1420000.	2.7	12.0	7.0	22.0	608	24	34.0	910	5.10	1.32	8.86	9.90	0.08	0.00	96	290	183	3.20	7.2
24 5 66	1900.	4.0	16.0	6.0						0.00										
15 6 66	6800.	1.0	23.0	5.0	59.0	600	59	13.5	754	7.00	4.00	4.27	12.00	1.10	2.50	86				
14 7 66	2.	0.4	23.0	3.0	28.0	712				10.90	6.50	5.80		0.04	0.00	89				
8 8 66	480.	0.6	20.0	4.0	3.3	720	19	16.0	1030	0.90	0.20	0.49	1.00	0.01	0.00	98				
29 8 66	101000.	0.6	22.5	3.6	25.0	482	48	41.0	705	6.00	3.26	6.24	9.08	0.08	0.05	71				

NO.SAMPLES	9	9	9	9	8	8	7	7	6	9	8	8	7	8	8	8	3	3	3	3
MAXIMUM	1420000.	81.0	23.0	10.2	68.0	720	100	65.0	1030	10.90	6.50	9.84	19.80	1.10	2.50	98	320	183	11.60	7.7
MINIMUM	2.	0.4	3.5	3.0	3.3	482	19	13.5	705	0.00	0.20	0.49	1.00	0.00	0.00	71	230	142	1.26	7.1
AVERAGE	233876.	12.5	15.7	5.5	27.4	611	51	29.5	831	4.43	2.52	4.87	8.60	0.17	0.54	88	280	163	5.35	7.3
MEDIAN	6800.																			
MAXIMUM KILOTONS/YEAR					0.48	0.73	46.	3.0		0.160	0.069	0.170	0.49	0.005	0.080	7.66	26.	13.	0.101	
MINIMUM KILOTONS/YEAR					0.00	0.00	0.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.04	0.	0.	0.005	
AVERAGE KILOTONS/YEAR					0.08	0.13	8.	0.7		0.022	0.011	0.030	0.08	0.001	0.012	1.25	9.	5.	0.038	

RIVER BASIN- SPENCER CREEK

STREAM MILEAGE- D 2.3

LOCATION CODE: 09-0008-02-001

STREAM- SPENCER CREEK

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO. 102

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 6 66		43.0			2.8	592	58	31.0	31	0.28	0.00	0.10	2.20	0.01	10.00	21				
5 7 66	750000.	7.0	21.0	7.0		422	28	20.0	20	0.52	0.32	0.23	0.65	0.01	0.00	49				
19 7 66	9000.	2.1	22.0	6.0	1.4	414		9.5	9	0.22	0.08		0.20	0.01	0.03	39				
2 8 66	920000.	2.7	18.0	6.0	3.9	368	10		548	0.38	0.16	0.12	0.91	0.01	0.02	34				
16 8 66	4900000.	1.7	19.0	7.0	7.2	428	108	56.0	56	0.92	0.36	0.36	1.30	0.01	0.25	38				
30 8 66	153000.	1.0			1.4	540	65	23.0	23	0.24	0.06	0.06	0.46	0.00	0.03	40				

NO. SAMPLES	22	14	17	16	23	20	22	20	17	23	23	22	22	23	23	22
MAXIMUM	4900000.	185.0	52.0	13.0	7.2	592	190	56.0	602	1.02	0.36	0.36	2.20	0.02	10.00	80
MINIMUM	104.	1.0	0.0	6.0	0.2	366	4	3.6	9	0.02	0.00	0.00	0.20	0.00	0.00	21
AVERAGE	311527.	56.1	17.3	9.7	2.4	427	38	17.9	362	0.28	0.10	0.08	0.66	0.01	0.76	34
MEDIAN	7250.															
MAXIMUM KILOTONS/YEAR				2.14	0.68	88.	33.9			0.182	0.029	0.041	0.17	0.002	0.424	14.59
MINIMUM KILOTONS/YEAR				0.01	0.00	1.	0.0			0.000	0.000	0.000	0.00	0.000	0.000	0.04
AVERAGE KILOTONS/YEAR				0.69	0.13	24.	3.8			0.022	0.005	0.004	0.04	0.000	0.052	2.35

RIVER BASIN- GRINDSTONE CR.

STREAM MILEAGE- G 0.3

LOCATION CODE: 09-0009-02-001

STREAM- GRINDSTONE CR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
12 10 65		8000.		9.0	11.0	2.2		17	16.0	610	0.32	0.20	0.06	0.46	0.02	0.50					
26 10 65		21000.				4.6		40	34.0		0.44	0.20	0.00	0.71	0.01	1.00	40				
9 11 65		53000.																			
23 11 65				4.0	10.0	2.2		46	31.0	620	0.28	0.24	0.12	0.84	0.01	0.75	31				
7 12 65		25000.		2.0	10.0	2.6		15	12.5		0.24	0.20	0.16	0.91	0.01	0.10	33				
21 12 65		36000.		1.0	13.0	1.8	478	7	10.0	630	0.22	0.20	0.02	1.10	0.00	1.10	23				
4 1 66		9300.		2.0	9.0	1.6	500	15	13.0	600	0.24	0.18	0.16	0.71	0.00	1.00	37				
18 1 66		1500.				1.6	552	15	12.5	650	0.32	0.20	0.36	1.00	0.02	1.50	39				
1 2 66		2100.		52.0	12.0	3.7	676	17	12.0	929	0.54	0.31	0.92	1.50	0.02	2.00					
15 2 66		5000.	40.0	52.0	12.0	6.8	624	166	50.0	570	0.60	0.11	0.20	1.50	0.01	1.00	45				
2 3 66		1700.	108.0	51.0	13.0	5.0	974	658		442	0.26	0.10	0.26	2.20	0.02	1.00	24				
15 3 66		150.	121.0	1.0	12.0	0.6	398	15	7.5	475	0.30	0.12	0.08	0.60	0.01	0.65	23				
29 3 66		750.		0.0	11.0	2.6	380	18	12.0	570	0.24	0.10	0.20	0.58	0.01	0.64	26				
12 4 66		24.	33.6			2.8	426	15	9.0	605	0.18	0.06	0.00		0.01	0.60	32				
26 4 66		56000.	41.2			3.6	478	45	65.0		0.18	0.03	0.10	1.16	0.02	0.50	44				
11 5 66		59000.	16.2	6.0	9.0	1.8	454	22	31.0	639	0.14	0.06	0.33	0.90	0.02	0.60	49				
24 5 66			16.2	7.0	17.0	1.2	582	153			0.82	0.06	0.30	2.60	0.00	0.14	35				
7 6 66		390.	6.5	18.0	5.0	6.4	476	77	56.0	680	0.62	0.22	0.66	2.30	0.12	0.50	50				

RIVER BASIN- GRINDSTONE CR.

STREAM MILEAGE- G 0.3

LOCATION CODE: 09-0009-02-001

STREAM- GRINDSTONE CR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21	6	66		11.4		6.4	728	134	34.0	655	0.80	0.04	0.30	1.80	0.06	10.00	36				
5	7	66	500.	4.5	19.0	9.4	496	94	41.0	589	0.60	0.20	1.90	3.25	0.25	0.10	47				
19	7	66	430.	2.3	25.0	9.0	7.8	484	74.0		0.76	0.08	0.85	2.40	0.12	0.25	46				
2	8	66	8000.	4.5	19.0	6.0	6.1	458	124	543	0.68	0.08	0.23	2.20	0.02	0.60	49				
16	8	66	8000.	2.4	19.0	7.0	11.0	518	74	584	0.54	0.10	0.23	1.10	0.01	0.30	48				
30	8	66	510.	2.3		5.2	560	138	56.0		0.66	0.10	0.13	1.40	0.03	0.10	62				

NO. SAMPLES	21	14	17	16	23	19	22	21	17	23	23	23	22	23	23	21
MAXIMUM	59000.	121.0	52.0	17.0	11.0	974	658	74.0	929	0.82	0.31	1.90	3.25	0.25	10.00	62
MINIMUM	24.	2.3	0.0	5.0	0.6	380	7	7.5	442	0.14	0.03	0.00	0.46	0.00	0.10	23
AVERAGE	14112.	29.3	16.9	10.4	4.2	539	86	33.4	611	0.43	0.14	0.33	1.42	0.03	1.08	39
MEDIAN	5000.															
MAXIMUM KILOTONS/YEAR				1.43	0.53	104.	70.0			0.036	0.014	0.028	0.23	0.002	0.112	2.74
MINIMUM KILOTONS/YEAR				0.02	0.01	1.	0.2			0.001	0.000	0.000	0.00	0.000	0.000	0.10
AVERAGE KILOTONS/YEAR				0.42	0.10	17.	6.7			0.010	0.003	0.006	0.04	0.001	0.028	0.91

RIVER BASIN- GRINDSTONE CR.

STREAM MILEAGE- G 4.5

LOCATION CODE: 09-0009-02-002

STREAM- GRINDSTONE CR.

SAMPLE POINT DESCRIPTION- WATERDOWN ROAD, WATERDOWN

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21	6 66					2.4	646	36	16.0	595	0.44	0.20	0.13	1.30	0.02	10.00	23				
5	7 66	107000.		18.0	8.0	3.3	426	17	6.5	600	0.26	0.14	0.10	0.84	0.02	1.25	32				
19	7 66	47000.		21.0	10.0	1.7	390	24	6.5		0.34	0.22	0.13	0.33	0.02	1.25	33				
2	8 66	157000.		17.0	4.0	4.4	560	150	84.0	665	0.72	0.12	0.05	2.80	0.01	0.48	63				
16	8 66	6000.		19.0	7.0	5.2	490	132	56.0	580	0.54	0.10	0.23	0.91	0.01	0.40	48				
30	8 66	240000.				1.6	490	15	6.5	632	0.24	0.18	0.13	0.52	0.02	0.50	33				

NO. SAMPLES	21	17	17	23	19	22	21	15	23	23	22	21	23	23	20
MAXIMUM	240000.	52.0	16.0	5.2	646	212	84.0	665	1.12	0.80	0.33	2.80	0.04	10.00	63
MINIMUM	1200.	0.0	4.0	0.6	308	11	4.5	432	0.10	0.04	0.00	0.33	0.00	0.35	12
AVERAGE	52257.	16.3	10.6	2.6	431	41	17.8	570	0.35	0.17	0.14	1.09	0.01	1.22	26
MEDIAN	22000.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TURKEY CREEK

STREAM MILEAGE- T 0.2

LOCATION CODE: 10-0001-02-001

STREAM- TURKEY CREEK

SAMPLE POINT DESCRIPTION- HWY. 18

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26	1 66	159000.	7.2	0.0	4.5	24.0	604	24	13.0	890	12.00	6.10	10.67	13.94	0.01	0.00	114				
17	3 66	52000.	11.8	1.0	3.4	8.0	658	25	11.0	1005	3.60	3.10	5.25	14.00	0.30	1.00	80	430	232	0.30	7.9
27	4 66	155000.	27.0	7.0	8.0	7.2	600	100			1.58	0.90	0.78	2.60	0.10	2.50	46				
25	5 66	94000.	21.0	22.0	9.0	7.2	604	20	18.0	952	13.90	9.50	9.02	10.00	0.01	0.00	71				
29	6 66	109000.	10.0	25.5	11.0	10.8	478	15	10.5		16.00	14.00	8.20	13.50	0.00	0.00	57				
20	7 66	240000.	3.1	24.5	2.6	6.0	462	19	11.5	770	13.00	12.20	6.56	7.30	0.01	0.04	53	244	234	0.58	7.5
5	8 66	110000.	4.2	25.0	4.0	4.2	370	19	20.0	544		10.60	4.92	6.10	0.02	0.00	40				
16	8 66	53000.	6.9	24.0	1.8	5.6	490	15		736	14.60	13.00	7.90	13.00	0.02	0.00	62				
14	9 66	100000.		24.0	8.0	2.6	366	44	10.5	335	16.00	7.50	6.56	9.90	0.01	0.03	47				

NO. SAMPLES	9	8	9	9	9	9	9	7	7	8	9	9	9	9	9	9	2	2	2	2
MAXIMUM	240000.	27.0	25.5	11.0	24.0	658	100	20.0	1005	16.00	14.00	10.67	14.00	0.30	2.50	114	430	234	0.58	7.9
MINIMUM	52000.	3.1	0.0	1.8	2.6	366	15	10.5	335	1.58	0.90	0.78	2.60	0.00	0.00	40	244	232	0.30	7.5
AVERAGE	119111.	11.4	17.0	5.8	8.4	514	31	13.5	747	11.33	8.54	6.65	10.04	0.05	0.40	63	337	233	0.44	7.7
MEDIAN	109000.																			
MAXIMUM KILOTONS/YEAR				0.21	0.19	16.	2.7			0.288	0.197	0.187	0.21	0.003	0.067	1.47	5.	3.	0.003	
MINIMUM KILOTONS/YEAR				0.01	0.02	1.	0.1			0.040	0.024	0.020	0.02	0.000	0.000	0.16	1.	1.	0.002	
AVERAGE KILOTONS/YEAR				0.08	0.10	6.	0.5			0.108	0.076	0.065	0.10	0.001	0.010	0.72	3.	2.	0.003	



RIVER BASIN- CANARD RIVER

STREAM MILEAGE- C 0.5

LOCATION CODE: 10-0002-02-001

STREAM- CANARD RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 18

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26	1 66	900.		0.0	12.0	0.7	282	15	9.5	390	0.16	0.08	0.15	0.58	0.01	0.08	47				
17	3 66	300.		1.0	11.0	2.4	608	53	32.0	811	0.34	0.27	0.13	1.20	0.06	3.75	51	380	155	1.90	8.1
27	4 66	140000.		6.0	10.0	4.0	832	454	590.0		1.44	0.22	0.26	3.10	0.04	5.00	20				
25	5 66	800.		22.5	12.0	3.4	464	58	42.0		0.50	0.06	0.33	1.40	0.01	0.00	43				
28	6 66	20.		27.0	12.0	2.6	458	68			0.54	0.24	0.50	1.60	0.10	2.00	47				
20	7 66	4700.		22.5	6.0	3.8	446	116	91.0	440	0.72	0.08	0.20	2.10	0.20	2.70	21	192	114	4.80	7.7
5	8 66	300.		25.0	9.0	2.0	310	57	56.0	412	0.28	0.04	0.26	0.91	0.01	0.10	38				
15	8 66	23000.		24.0	9.0	3.2	414	48	42.0	450	0.40	0.08	0.33	1.65	0.01	0.00	38				
14	9 66	430.		24.0	9.0	3.0	318	33	34.0	729	0.30	0.08	0.66	1.05	0.01	0.01	42				

NO. SAMPLES	9		9	9	9	9	9	8	6	9	9	9	9	9	9	9	2	2	2	2
MAXIMUM	140000.		27.0	12.0	4.0	832	454	590.0	811	1.44	0.27	0.66	3.10	0.20	5.00	51	380	155	4.80	8.1
MINIMUM	20.		0.0	6.0	0.7	282	15	9.5	390	0.16	0.04	0.13	0.58	0.01	0.00	20	192	114	1.90	7.7
AVERAGE	18939.		16.9	10.0	2.8	459	100	112.1	538	0.52	0.13	0.31	1.51	0.05	1.52	38	286	134	3.35	7.9
MEDIAN	800.																			

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- L.CATARAQUI R.

STREAM MILEAGE- LC 1.4

LOCATION CODE: 12-0002-02-001

STREAM- L.CATARAQUI R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO.33

DATE SAMPLED				COLI FORMS /100ML	FLOW CFS	WATER TEMP C.		DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20	12	65	1740	200.	38.0	0.3	12.0	2.6	336	10	9.0								0.00	27				
5	1	66	1400	720.	28.0	0.0	15.0	1.4	306	15	8.5	440	0.20	0.12	0.00	0.33	0.00	0.25	26					
4	2	66	1635	1900.	12.7	0.0	5.0	2.3					555											
14	3	66	1635	470.	94.0	0.0	8.0	3.2	152	15	9.5	326	0.12	0.12	0.10	0.52	0.01	0.30	22					
4	4	66	1535	60.	33.0	2.0	8.0	2.2	254	15			0.04	0.02	0.05	0.40	0.00	0.00	34					
2	5	66	1535	20.	13.0			4.2	360	17	27.0	472	0.32	0.04	0.00	0.52	0.01	0.00	34					
7	6	66	1545	70.	2.3	22.0	3.0	5.0	354		13.0		0.70	0.48	0.50	0.78	0.00							
18	7	66	1600	70.	0.0	22.5	7.0																	
22	8	66	1405		0.0	18.5	5.0		326	9	4.0	515	0.38							39				

NO.SAMPLES	8	9	8	8	7	7	6	6	5	6	5	5	5	5	5	6
MAXIMUM	1900.	94.0	22.5	15.0	5.0	360	17	27.0	555	0.70	0.48	0.50	0.78	0.01	0.30	39
MINIMUM	20.	0.0	0.0	3.0	1.4	152	9	4.0	326	0.04	0.02	0.00	0.33	0.00	0.00	22
AVERAGE	439.	24.6	8.2	7.9	3.0	298	13	11.8	461	0.29	0.16	0.13	0.51	0.00	0.11	30
MEDIAN	135.															
MAXIMUM KILOTONS/YEAR				0.74	0.30	14.	1.4			0.011	0.011	0.009	0.05	0.001	0.028	2.04
MINIMUM KILOTONS/YEAR				0.01	0.01	1.	0.2			0.001	0.001	0.000	0.00	0.000	0.000	0.44
AVERAGE KILOTONS/YEAR				0.32	0.09	8.	0.6			0.005	0.003	0.002	0.02	0.000	0.007	1.06

RIVER BASIN- L.CATARAQUI R.

STREAM MILEAGE- LC 2.7

LOCATION CODE: 12-0002-02-002

STREAM- L.CATARAQUI R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO.2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
5	1	66	1645		0.0	8.0	2.0	306	15	11.0	430	0.18	0.10	0.00	0.33	0.00	0.30	25			
4	2	66	1545		0.0	5.0	2.7			550											
14	3	66	1615		1.0	10.0	1.6	182	15	8.0		0.18	0.16	0.12	0.84	0.01	0.30				
4	4	66	1510		2.0	7.0															
2	5	66					2.2	340	20	31.0	499	0.18	0.04	0.00	0.52	0.01	0.00	49			
7	6	66	1600		21.0	9.0	1.6	330	15	10.0		0.22	0.16	0.00	0.71	0.00	0.00				
18	7	66	1530		21.0	3.0															
22	8	66	1505		17.0	2.0		372	42	20.0	565	0.42						32			
13	9	66	1730		18.0	4.0	2.8	636	208	59.0	680	1.02	0.12	0.03	1.65	0.00	0.00	39			

NO.SAMPLES	6	8	8	6	6	6	6	5	6	5	5	5	5	5	4
MAXIMUM	900.	21.0	10.0	2.8	636	208	59.0	680	1.02	0.16	0.12	1.65	0.01	0.30	49
MINIMUM	24.	0.0	2.0	1.6	182	15	8.0	430	0.18	0.04	0.00	0.33	0.00	0.00	25
AVERAGE	247.	10.0	6.0	2.1	361	52	23.2	544	0.37	0.12	0.03	0.81	0.00	0.12	36
MEDIAN	130.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- L. CATARAQUI R.

STREAM MILEAGE- LC

LOCATION CODE: 12-0002-02-003

STREAM- L. CATARAQUI R.

SAMPLE POINT DESCRIPTION- KING ST. BRIDGE, KINGSTON \*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65		60.	9.0			1.5		14	4.5	440	0.26	0.10	0.36	0.84	0.00	0.00	37	222	160	0.30	7.9
20 12 65	1840	90.	38.0	0.0	16.0	2.4	320	8	9.0		0.14	0.10	0.02	0.64	0.00	0.00	25				
5 1 66	1830	66.	28.0	1.0	8.0	0.8	300	15	9.0	440	0.17	0.10	0.00	0.52	0.00	0.30					
4 2 66	1655	800.	12.7	0.0	5.0	2.1				540											
9 3 66	1730	30.	94.0	1.0	13.0	2.0	198	15	9.0	439	0.10	0.04	0.12	0.40	0.00	0.30					
4 4 66	1545	16.	33.0	3.0	8.0																
2 5 66	1530	2.	13.0	6.5	8.0	1.9	200	1			0.10	0.06	0.00	0.33	0.02	0.00					
7 6 66	1330	60.	2.3	17.0	7.0	2.3			9.0		0.32	0.12	0.23	1.00	0.00	0.00					
18 7 66	1400	110.	0.0	22.0	8.0																
22 8 66	1430		0.0	19.0	6.0	0.8	218	4	1.8	342	0.11	0.08	0.06	0.33	0.00	0.23	28				

NO. SAMPLES	9	10	9	9	8	5	6	6	5	7	7	7	7	7	7	3	1	1	1	1
MAXIMUM	800.	94.0	22.0	16.0	2.4	320	15	9.0	540	0.32	0.12	0.36	1.00	0.02	0.30	37	222	160	0.30	7.9
MINIMUM	2.	0.0	0.0	5.0	0.8	198	1	1.8	342	0.10	0.04	0.00	0.33	0.00	0.00	25	222	160	0.30	7.9
AVERAGE	137.	23.0	7.7	8.8	1.7	247	9	7.0	440	0.17	0.09	0.11	0.58	0.00	0.12	30	222	160	0.30	7.9
MEDIAN	60.																			
MAXIMUM KILOTONS/YEAR					1.20	0.19	18.	1.4		0.009	0.004	0.011	0.04	0.000	0.028	0.94	2.	1.	0.003	
MINIMUM KILOTONS/YEAR					0.02	0.01	3.	0.0		0.001	0.000	0.000	0.00	0.000	0.000	0.33	2.	1.	0.003	
AVERAGE KILOTONS/YEAR					0.35	0.05	10.	0.4		0.004	0.002	0.003	0.01	0.000	0.006	0.63	2.	1.	0.003	

RIVER BASIN- L. CATARAQUI R.

STREAM MILEAGE- LC 6.8

LOCATION CODE: 12-0002-02-005

STREAM- L. CATARAQUI R.

SAMPLE POINT DESCRIPTION- DIVISION STREET, KINGSTON

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
5 1 66 1930	42.		1.0	6.0	3.6	316	15	10.5	430	0.21	0.07	0.00	1.00	0.00	0.40					
4 2 66 1515	16.		0.0	5.0	3.0				505											
14 3 66 1600	70.		1.0	5.0	5.2	236	89	31.0	346	0.42	0.32	0.15	1.20	0.01	0.36	11				
4 4 66 1845	92.		2.0	7.0	2.6	260	15			0.10	0.04	0.05	0.33	0.00	0.30	24				
2 5 66	20.				1.0	280	4	7.0		0.14	0.14	0.00	0.40	0.01	0.10	26				
7 6 66 1630	170.		22.0	8.0	2.2	332	50	1.5	471	0.38	0.12	0.16	1.00	0.01	0.15	12				
18 7 66 1515	3000.		22.5	9.0																
22 8 66 1200			16.0	3.0		390	30	12.0	570	0.20						15				
13 9 66 1615	100.		20.0	7.0	3.4	392	48	23.0	575	0.24	0.12	0.06	0.50	0.01	0.10	14				

NO. SAMPLES	8	8	8	7	7	7	6	6	7	6	6	6	6	6	6
MAXIMUM	3000.	22.5	9.0	5.2	392	89	31.0	575	0.42	0.32	0.16	1.20	0.01	0.40	26
MINIMUM	16.	0.0	3.0	1.0	236	4	1.5	346	0.10	0.04	0.00	0.33	0.00	0.10	11
AVERAGE	439.	10.6	6.2	3.0	315	35	14.2	482	0.24	0.13	0.07	0.74	0.01	0.23	17
MEDIAN	81.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- L.CATARAQUI R.

STREAM MILEAGE- LC 2.7

LOCATION CODE: 12-0002-05-004

STREAM- L.CATARAQUI R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2A

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
4	2 66 1545	11000.		5.0	10.0	1.6				36											
14	3 66 1645	4000.		2.0	6.0	2.8	276	15	5.0		0.38	0.22	0.15	0.40	0.40	0.01					
4	4 66 1515	192.		3.0	7.0																
2	5 66	360.				2.8	378	2	10.0	544	0.26	0.12	0.00	0.00	0.01	0.16	97				
7	6 66 1600	6000.		18.0	8.0	2.7	354		7.0		0.48	0.36	0.05	2.20	0.01	0.25					
19	7 66 1545	1770.		19.5	8.0																
22	8 66 1545			18.0	7.0		350	70													

NO. SAMPLES	6	6	6	4	4	3	3	2	3	3	3	3	3	3	3	1
MAXIMUM	11000.	19.5	10.0	2.8	378	70	10.0	544	0.48	0.36	0.15	2.20	0.40	0.25	97	
MINIMUM	192.	2.0	6.0	1.6	276	2	5.0	36	0.26	0.12	0.00	0.00	0.01	0.01	97	
AVERAGE	3887.	10.9	7.7	2.5	339	29	7.3	290	0.37	0.23	0.07	0.87	0.14	0.14	97	
MEDIAN	2885.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- L. CATARAQUI R.

STREAM MILEAGE- LC 2.7

LOCATION CODE: 12-0002-05-004

STREAM- L. CATARAQUI R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2A

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
14 3 66	1645	6.												

NO. SAMPLES

1

MAXIMUM	6.
MINIMUM	6.
AVERAGE	6.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- CATARAQUI R.

STREAM MILEAGE- C 0.5

LOCATION CODE: 12-0004-02-001

STREAM- CATARAQUI R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2 KINGSTON CENTRE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65		390.	110.0	12.0	11.6	1.6			1.3	275	0.14	0.04	0.08	0.71	0.00	0.00	19	122	90	0.09	8.4
5 1 66	1800	52.	430.0	1.5	7.0	1.0	132	15	4.0	225	0.14	0.07	0.00	0.40	0.00	0.00					
4 2 66	2130	12.	490.0	0.0	8.0	3.0				270											
14 3 66	1400	110.	430.0	0.0	10.0	2.2	114	15	1.8	227	0.16	0.16	0.00	0.60	0.00	0.00	7				
4 4 66	1945	36.	400.0	3.0	7.0	3.3	144	15			0.06	0.02	0.13	0.58	0.00	0.00	17				
2 5 66	2005	1100.	140.0	9.0	7.0	1.9	220	18			0.16	0.10	0.20	0.00	0.02	0.00					
6 6 66	1320	600.	100.0	16.0	8.0	2.9	200			299	0.10	0.01	0.05	0.52	0.00	0.00	19				
19 7 66	2125	6000.	190.0	21.5	6.0	2.0	226	47	29.0	274	0.24	0.02	0.20	0.78	0.01	0.10					
15 8 66	1845	40.	45.0	21.0	8.0	1.7	240			280	0.16	0.04	0.05	0.77	0.01	0.00					
13 9 66	1800	60.	60.0	19.5	9.0	2.2	196	15	4.0	282	0.12	0.10	0.20	0.65	0.00	0.02	22				

NO. SAMPLES	10	10	10	10	10	8	6	5	8	9	9	9	9	9	9	5	1	1	1	1
MAXIMUM	6000.	490.0	21.5	11.6	3.3	240	47	29.0	299	0.24	0.16	0.20	0.78	0.02	0.10	22	122	90	0.09	8.4
MINIMUM	12.	45.0	0.0	6.0	1.0	114	15	1.3	225	0.06	0.01	0.00	0.00	0.00	0.00	7	122	90	0.09	8.4
AVERAGE	840.	239.5	10.3	8.2	2.2	184	20	8.0	266	0.14	0.06	0.10	0.56	0.00	0.01	16	122	90	0.09	8.4
MEDIAN	85.																			
MAXIMUM KILOTONS/YEAR				4.24	1.45	57.	8.8			0.068	0.068	0.051	0.25	0.003	0.019	6.70	13.	10.	0.010	
MINIMUM KILOTONS/YEAR				0.35	0.08	11.	0.9			0.007	0.001	0.000	0.00	0.000	0.000	1.30	13.	10.	0.010	
AVERAGE KILOTONS/YEAR				1.88	0.54	34.	5.1			0.029	0.015	0.016	0.11	0.001	0.002	2.98	13.	10.	0.010	



RIVER BASIN- CATARAQUI R.

STREAM MILEAGE- C. 5.1

LOCATION CODE: 12-0004-02-002

STREAM- CATARAQUI R.

SAMPLE POINT DESCRIPTION- AT DAM KINGSTON MILLS

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
6 6 66	1915	4.		18.0	9.0	1.2	106	15		222	0.08	0.01	0.06	0.84	0.01	0.00	10				
19 7 66	2100	12.		23.0	9.0	1.2	120	2	3.5		0.08	0.01	0.16	1.60	0.00	0.10					
15 8 66	1520	130.		20.5	7.0	3.0	158	15	4.0	174	0.18	0.04	0.24	0.90	0.01	0.00					

NO. SAMPLES	3	3	3	3	3	3	2	2	3	3	3	3	3	3	1
MAXIMUM	130.	23.0	9.0	3.0	158	15	4.0	222	0.18	0.04	0.24	1.60	0.01	0.10	10
MINIMUM	4.	18.0	7.0	1.2	106	2	3.5	174	0.08	0.01	0.06	0.84	0.00	0.00	10
AVERAGE	49.	20.5	8.3	1.8	128	10	3.7	198	0.11	0.02	0.15	1.11	0.01	0.03	10
MEDIAN	12.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- CATARAQUI R.

STREAM MILEAGE- C. 16.8

LOCATION CODE: 12-0004-02-003

STREAM- CATARAQUI R.

SAMPLE POINT DESCRIPTION- BRIDGE BELOW BREWERS MILLS \*\*\*

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
6 6 66	1725	20.		19.5	7.0	1.5	124			181	0.06	0.01	0.00	0.65	0.00	0.00		4			
19 7 66	1815	380.		23.0	7.0	1.6	130	3			0.10	0.01	0.12	0.71	0.00	0.10					
15 8 66	1545	120.		21.0	7.0	2.6	160	15	9.5	192	0.18	0.02	0.15	1.05	0.01	0.00					

NO. SAMPLES	3	3	3	3	3	2	1	2	3	3	3	3	3	3	1
MAXIMUM	380.	23.0	7.0	2.6	160	15	9.5	192	0.18	0.02	0.15	1.05	0.01	0.10	4
MINIMUM	20.	19.5	7.0	1.5	124	3	9.5	181	0.06	0.01	0.00	0.65	0.00	0.00	4
AVERAGE	173.	21.2	7.0	1.9	138	9	9.5	186	0.11	0.01	0.09	0.80	0.00	0.03	4
MEDIAN	120.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GANANOQUE R.

STREAM MILEAGE- G 0.3

LOCATION CODE: 12-0017-02-003

STREAM- GANANOQUE R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 2

\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65		34.	175.0	13.5	11.0	1.3			1.5	235	0.10	0.04	0.08	0.71	0.00	0.00	6	120	107	0.10	8.2
5 1 66	2015	700.	550.0	0.0	10.0	1.1	128	15	5.0	210	0.08	0.08	0.00	0.40	0.00	0.00					
14 3 66	1500	150.	570.0	1.0	8.0	1.3	116	15	2.3		0.04	0.04	0.05	0.40	0.00	0.00	6				
4 4 66	1920	300.	490.0	3.0	7.0	2.7	128	15	3.5		0.06	0.04	0.00	0.53	0.01	0.00	6				
2 5 66	2045	2500.	350.0	11.0	8.0	1.3	154	15			0.10	0.09	0.00	0.00	0.00	0.00					
6 6 66	1450		50.0	19.5	7.0	2.8	174			261	0.14	0.08	0.05	0.90	0.00	0.00	7				
19 7 66	2045	710.	50.0	22.5	5.0	0.8	164	2	2.3		0.26	0.18	0.13	0.84	0.00	0.10					
15 8 66	1820	740.	0.0	21.0	4.0	1.1	200	15		264	0.34	0.18	0.23	0.84	0.01	0.00					

NO. SAMPLES	7	8	8	8	8	7	6	5	4	8	8	8	8	8	8	5	1	1	1	1
MAXIMUM	2500.	570.0	22.5	11.0	2.8	200	15	5.0	264	0.34	0.18	0.23	0.90	0.01	0.10	7	120	107	0.10	8.2
MINIMUM	34.	0.0	0.0	4.0	0.8	116	2	1.5	210	0.04	0.04	0.00	0.00	0.00	0.00		120	107	0.10	8.2
AVERAGE	733.	279.4	11.4	7.5	1.5	152	12	2.9	242	0.14	0.09	0.07	0.58	0.00	0.01	5	120	107	0.10	8.2
MEDIAN	700.																			
MAXIMUM KILOTONS/YEAR				5.42	1.30	69.	8.4			0.043	0.043	0.028	0.26	0.005	0.005	3.37	21.	18.	0.017	
MINIMUM KILOTONS/YEAR				0.25	0.04	8.	0.1			0.007	0.004	0.000	0.00	0.000	0.000	0.34	21.	18.	0.017	
AVERAGE KILOTONS/YEAR				2.65	0.50	44.	5.8			0.024	0.019	0.007	0.13	0.001	0.001	1.91	21.	18.	0.017	

RIVER BASIN- ST.CLAIR RIVER

STREAM MILEAGE- CO

LOCATION CODE: 15-0001-10-001

STREAM- COUNTY R.DITCH

SAMPLE POINT DESCRIPTION- POLYMER CORP., CITY OF SARNIA L

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1330			21.0	7.5	2.2			2.8	200	0.10	0.08	0.26	0.40	0.00	0.16	10	104	85	0.12	8.0
7 2 66		2200.		16.0	10.0	4.2	222	15	4.0	270	0.12	0.09	0.10	0.33	0.00	0.00	31				
14 3 66		1100.		8.0	6.0	1.2	200	15	2.6	308	0.12	0.12	0.16	0.84	0.01	0.55	17	140	98	0.26	8.1
26 4 66		7900.		29.0	7.0	3.8	172	15	6.5		0.04	0.04	0.00	0.07	0.01	0.40	4				
27 5 66		280000.		26.0	9.0	26.0	400	23			0.92	0.20	1.15	6.60	0.04	0.00	33				
30 6 66		49000.		31.0	6.0	11.0	316	16	9.0	463	0.60	0.40	0.72	3.10	0.01	0.06	35				
5 8 66		7900.		30.0	5.5	37.0	402	21	34.0	555	0.20	0.20	0.79	3.10	0.04	0.00	44				
16 8 66		114000.		35.0	7.0	2.6	166	4	12.0	259	0.06	0.02	0.23	1.40	0.01	0.10					
13 9 66		22000.		33.0	6.0	5.2	266	18	4.0	377	0.20	0.06	1.24	3.10	0.00	0.10	46				

NO. SAMPLES	8	9	9	9	8	8	8	7	9	9	9	9	9	9	8	2	2	2	2
MAXIMUM	280000.	35.0	10.0	37.0	402	23	34.0	555	0.92	0.40	1.24	6.60	0.04	0.55	46	140	98	0.26	8.1
MINIMUM	1100.	8.0	5.5	1.2	166	4	2.6	200	0.04	0.02	0.00	0.07	0.00	0.00	4	104	85	0.12	8.0
AVERAGE	60512.	25.4	7.1	10.4	268	15	9.4	347	0.26	0.13	0.52	2.10	0.01	0.15	27	122	91	0.19	8.0
MEDIAN	14950.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- TALFORD CREEK

STREAM MILEAGE- T 0.2

LOCATION CODE: 15-0002-02-001

STREAM- TALFORD CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 40

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65	2030	510.		34.0	4.5	4.4			7.5	395	0.10	0.08	0.85	1.80	0.01	0.00	72	116	78	0.10	7.5
5 12 65		2100.		24.9	4.0	11.0		8	9.0	365		0.16	1.88	3.10	0.01	0.00	62				
7 2 66		2300.		15.2	8.0	24.0	282	38	31.0		0.13	0.06	1.00	1.60	0.00	0.00	63				
14 3 66		900.		16.0	4.5	12.0	520	15	8.0	806	0.24	0.13	1.12	2.60	0.05	1.00	141	204	106	0.36	7.5
26 4 66		15000.		16.0	4.5	9.0	420	17	38.0		0.26	1.13	0.53		0.01	0.50	102				
27 5 66		6000.		32.0	5.0	9.4	284	15	12.0		0.10	0.01	1.00	1.30	0.01	0.00	34				
30 6 66		190.		18.0	7.0	10.0	802	15	8.0	1500	0.08	0.01	0.20	1.70	0.01	0.06	387				
21 7 66		810.		30.0	2.4	6.2	294	38	31.0	388	0.24	0.14	1.05	4.40	0.01	0.04	53	108	87	0.85	7.5
5 8 66		490.		36.5	4.0	25.0	368	13	14.0	540	0.08	0.01	1.21	1.90	0.00	0.00	100				
16 8 66		1280.		36.0	4.0	9.4	262	27	24.0	440	0.08	0.01	1.15	2.60	0.04	0.02	64				
13 9 66		330.		37.0	3.0		390	15	9.5	650	0.08	0.08	1.97	2.20	0.02	0.00	40				

NO. SAMPLES	11	11	11	10	9	10	11	8	10	11	11	10	11	11	11	3	3	3	3
MAXIMUM	15000.	37.0	8.0	25.0	802	38	38.0	1500	0.26	1.13	1.97	4.40	0.05	1.00	387	204	106	0.85	7.5
MINIMUM	190.	15.2	2.4	4.4	262	8	7.5	365	0.08	0.01	0.20	1.30	0.00	0.00	34	108	78	0.10	7.5
AVERAGE	2719.	26.9	4.6	12.0	402	20	17.5	635	0.14	0.17	1.09	2.32	0.02	0.15	101	142	90	0.44	7.5
MEDIAN	900.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- BIG CREEK

STREAM MILEAGE- 8 3.3

LOCATION CODE: 16-0001-02-001

STREAM- BIG CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO 18, COUNTY OF ESSEX

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26 1 66	38.		0.0	7.0	2.2	680	15	9.0	790	0.24	0.06		0.65		1.20					
17 3 66	30.		1.5	8.5	7.6	488	24	8.0	746	0.40	0.08	0.23	1.80	0.01	0.30	35	340	167	0.77	8.2
27 4 66	170.		7.0	11.0	3.4	628	15	37.0		0.36	0.04	0.13	1.40	0.02	0.40	52				
25 5 66	200.		22.0	11.0	9.0	542	85	45.0	618	1.00	0.12	0.66	3.10	0.01	0.00	34				
29 6 66	40.		25.0	9.0	4.1	422	15	9.0	520	0.54	0.18	0.26	1.60	0.02	0.05	30				
20 7 66	20.		22.0	7.0	4.1	368	12	6.5	495	0.28	0.04	0.18	1.70	0.04	0.12	24	234	149	0.57	7.8
5 8 66	20.		23.0	6.5	2.0	352	6		460	0.18	0.04	0.33	1.80	0.00	0.00	26				
15 8 66	86000.		23.0	2.8	3.2	382	15	4.0	464	0.32	0.12	0.12	1.95	0.01	0.00	32				
14 9 66	80.		22.5	4.0	5.0	316	36	5.5	634	0.62	0.12	0.16	2.10	0.01	0.05	29				

NO. SAMPLES	9	9	9	9	9	9	8	8	9	9	8	9	8	9	8	2	2	2	2
MAXIMUM	86000.	25.0	11.0	9.0	680	85	45.0	790	1.00	0.18	0.66	3.10	0.04	1.20	52	340	167	0.77	8.2
MINIMUM	20.	0.0	2.8	2.0	316	6	4.0	460	0.18	0.04	0.12	0.65	0.00	0.00	24	234	149	0.57	7.8
AVERAGE	9622.	16.2	7.4	4.5	464	24	15.5	590	0.44	0.09	0.26	1.79	0.01	0.24	32	287	158	0.67	8.0
MEDIAN	40.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- CEDAR CREEK

STREAM MILEAGE- C 0.4

LOCATION CODE: 16-0018-02-001

STREAM- CEDAR CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 18A

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
26	1 66	6.		0.0	19.0	1.5	372	15	8.5	510	0.16	0.08	0.22	0.58		0.70					
17	3 66	76.		1.0	10.0	2.8	304	33	9.0	390	0.34	0.11	0.00	0.71	0.03	1.50	24	180	101	1.03	8.3
27	4 66	110000.		7.0	10.0	5.0	772	428	390.0	351	2.16	0.22	0.30	3.10	0.04	4.40	18				
25	5 66	20.		16.0	11.0	2.1	130	15			0.10	0.01	0.16	0.46	0.01		21				
28	6 66	120.		25.0	9.0	5.6	260	62	40.0	291	0.50	0.00	0.46	1.60	0.00	0.00	24				
20	7 66	9000.		21.0	9.0	5.7	250	68	32.0	288	0.54	0.02	0.18	1.55	0.02	0.15	24	108	77	2.17	7.7
5	8 66	300.		23.0	8.0	5.8	246	34	32.0	302	0.22	0.01	0.05	1.10	0.01	0.00	26				
15	8 66	640.		24.0	9.0	2.4	266	26	14.0	303	0.22	0.04	0.13	1.80	0.02	0.00	2				
14	9 66	260.		23.0	9.0	2.8	222	40	7.0	424	0.26	0.01	0.26	0.84	0.00	0.00	27				

NO. SAMPLES	9			9	9	9	9	9	8	8	9	9	9	9	8	8	8	2	2	2	2
MAXIMUM	110000.			25.0	19.0	5.8	772	428	390.0	510	2.16	0.22	0.46	3.10	0.04	4.40	27	180	101	2.17	8.3
MINIMUM	6.			0.0	8.0	1.5	130	15	7.0	288	0.10	0.00	0.00	0.46	0.00	0.00	2	108	77	1.03	7.7
AVERAGE	13380.			15.6	10.4	3.7	313	80	66.6	357	0.50	0.06	0.20	1.30	0.02	0.84	20	144	89	1.60	8.0
MEDIAN	260.																				

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- STURGEON CREEK

STREAM MILEAGE- ST 1.9

LOCATION CODE: 16-0027-02-001

STREAM- STURGEON CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 18

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 6 66		510000.		30.0	2.6	20.0	324	37	16.0	359	5.30	5.20	0.16	2.30	0.01	0.00	27				
14 9 66		40.		23.0	12.0	7.6	448	48	29.0	452	0.80	0.12	0.60	1.95	0.00	0.04	72				

NO. SAMPLES	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MAXIMUM	510000.	30.0	12.0	20.0	448	48	29.0	452	5.30	5.20	0.60	2.30	0.01	0.04	72					
MINIMUM	40.	23.0	2.6	7.6	324	37	16.0	359	0.80	0.12	0.16	1.95	0.00	0.00	27					
AVERAGE	255020.	26.5	7.3	13.8	386	42	22.5	405	3.05	2.66	0.38	2.12	0.00	0.02	49					
MEDIAN	255020.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- MUDDY CREEK

STREAM MILEAGE- M 0.2

LOCATION CODE: 16-0032-02-001

STREAM- MUDDY CREEK

SAMPLE POINT DESCRIPTION- FIRST BR.ABOVE L.ERIE,WHEATLEY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAO3 PPM	TOT IRON PPM	PH AT LAB
16	3 66	124.		1.0	6.5	4.4	466	37	13.0	714	0.45	0.13	0.23	2.10	0.10	5.00	37	304	118	1.25	7.7
28	4 66	27000.		7.0	9.0	4.0	588	220			1.44	0.20	0.30	2.60	0.04	4.40	18				
25	5 66	250.		16.0	8.0	5.4	290	36	31.0		1.22	0.68	2.62	3.10	0.02	0.05	30				
29	6 66	190.		23.0	9.0	12.0	238	23			0.66	0.34	0.16	1.60	0.00	0.00	28				
20	7 66	42000.		19.0	9.0	4.3	228	18	11.0	370	0.94	0.52	1.00	2.20	0.01	0.05	25	144	121	1.07	7.1
5	8 66	4600.		19.0	3.0	4.8	226	28	13.0	340	0.94	0.38	1.48		0.00	0.00					
15	8 66	470000.		24.0	0.0	45.0	358	46	42.0	416	2.80	1.84	2.30	8.10	0.04	0.00	45				
15	9 66	118000.		20.0	0.0	23.0	302	96	53.0	312	1.38	0.82	1.80	3.95	0.00	0.04	27				

NO.SAMPLES	8		8	8	8	8	8	6	5	8	8	8	7	8	8	7	2	2	2	2
MAXIMUM	470000.		24.0	9.0	45.0	588	220	53.0	714	2.80	1.84	2.62	8.10	0.10	5.00	45	304	121	1.25	7.7
MINIMUM	124.		1.0	0.0	4.0	226	18	11.0	312	0.45	0.13	0.16	1.60	0.00	0.00	18	144	118	1.07	7.1
AVERAGE	82770.		16.1	5.6	12.9	337	63	27.2	430	1.23	0.61	1.24	3.38	0.03	1.19	30	224	119	1.16	7.4
MEDIAN	15800.																			

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- SIXTEEN M. CR.

STREAM MILEAGE- S 5.0

LOCATION CODE: 16-0063-02-001

STREAM- SIXTEEN M. CR.

SAMPLE POINT DESCRIPTION- BACK STREET, BELOW RODNEY

DATE SAMPLED	HOURLY	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLOR RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
16	3 66	12500.		2.0	10.0	2.2	444	15	3.5	601	0.53	0.28	0.20	0.52	0.02	1.25	23	326	186	0.46	8.2
28	4 66	55000.		8.0	10.0	3.6	424	87	56.0		0.70	0.12	0.30	1.00	0.02	1.25	20				
25	5 66	20000.		15.0	10.0	2.6	396	15			0.60	0.34	0.20	0.78	0.03	1.20	29				
29	6 66	14000.		20.0	11.0	2.5	472	18	9.0		0.88	0.46	0.22	1.00	0.06	0.10	34				
3	8 66	9000.		20.0	9.0	4.4	534	22	12.5	706	1.16	1.08		0.77	0.08	0.16	52				
15	8 66	3000.		23.0	10.5	6.4	586	100	38.0	684	2.28	1.94	0.20	1.30	0.20	0.40	38				
15	9 66	120000.		12.0	5.0	10.0	426	26	28.0	635	5.50	5.50	1.31	2.45	0.00	0.30	36				

NO. SAMPLES	7	7	7	7	7	7	6	4	7	7	6	7	7	7	7	1	1	1	1
MAXIMUM	120000.	23.0	11.0	10.0	586	100	56.0	706	5.50	5.50	1.31	2.45	0.20	1.25	52	326	186	0.46	8.2
MINIMUM	3000.	2.0	5.0	2.2	396	15	3.5	601	0.53	0.12	0.20	0.52	0.00	0.10	20	326	186	0.46	8.2
AVERAGE	33357.	14.3	9.4	4.5	468	40	24.5	656	1.66	1.39	0.40	1.12	0.06	0.67	33	326	186	0.46	8.2
MEDIAN	14000.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- TALBOT CREEK

STREAM MILEAGE- T 0.4

LOCATION CODE: 16-0080-02-001

STREAM- TALBOT CREEK

SAMPLE POINT DESCRIPTION- EAST TALBOT RD.,YARMOUTH TWP.

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	7000.	9.0	13.0	9.5	1.7			7.5	350	0.20	0.12	0.00	0.46	0.00	0.00	24	162	126	0.40	8.2
6 1 66	120.	31.2	0.1	13.0	1.6	386	15	12.5	500	0.18	0.16	0.05	0.43	0.00	3.75	19				
9 3 66	30.	221.3	1.0	12.0	1.4	350	37	26.0	491	0.24	0.09	0.00	0.71	0.01	2.80	15	260	180	1.22	8.3
11 5 66	110.	17.8	11.0	12.0	2.2	442	78	48.0	530	0.14	0.14	0.53	0.65	0.01	0.70	20	260	203	2.19	8.1
25 5 66	20.	13.4	19.0	12.0	2.6	362	93	65.0	552	0.38	0.10	0.23	0.84	0.01	1.20	24				
27 6 66	200.		25.0	10.0	3.9	474	42	42.0	590	0.32	0.12	0.16	1.20	0.08	2.00	29				
19 7 66	120.	1.2	25.5	5.0	2.4		39	40.0	430	0.24	0.04	0.02	0.43	0.03	0.15	25	186	149	1.64	8.0
8 8 66	290.	1.7	22.5	6.0	3.5	314	65	50.0	420	0.28	0.12	9.52	10.40	0.03	0.00	26				
15 8 66	700.	2.6	22.0	5.0	3.0	376	35	27.0		0.24	0.04	0.20	1.80	0.02	0.00	30				
15 9 66	32000.	2.2	18.0	6.0	2.8	376	64	36.0	492	0.60	0.40	0.03	0.71	0.01	0.00	27				

NO.SAMPLES	10	9	10	10	10	8	9	10	9	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	32000.	221.3	25.5	13.0	3.9	474	93	65.0	590	0.60	0.40	9.52	10.40	0.08	3.75	30	260	203	2.19	8.3
MINIMUM	20.	1.2	0.1	5.0	1.4	314	15	7.5	350	0.14	0.04	0.00	0.43	0.00	0.00	15	162	126	0.40	8.0
AVERAGE	4059.	33.4	15.7	9.0	2.5	385	52	35.4	483	0.28	0.13	1.07	1.76	0.02	1.06	23	217	164	1.36	8.1
MEDIAN	160.																			
MAXIMUM KILOTONS/YEAR					2.62	0.31	76.	8.1		0.052	0.020	0.016	0.15	0.002	0.611	3.27	57.	39.	0.266	
MINIMUM KILOTONS/YEAR					0.01	0.00	1.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.03	0.	0.	0.002	
AVERAGE KILOTONS/YEAR					0.39	0.05	15.	1.4		0.008	0.003	0.003	0.02	0.000	0.084	0.55	16.	11.	0.077	

RIVER BASIN- KETTLE CREEK

STREAM MILEAGE- K 11.8

LOCATION CODE: 16-0087-02-002

STREAM- KETTLE CREEK

SAMPLE POINT DESCRIPTION- R/W TRESTLE, BELOW W.P.C.P.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PB4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		610000.		14.0	5.0	12.0			18.0	695	9.30	7.60	7.22	8.30	0.30	0.60	70	248	226	0.60	7.7
7 1 66		38000.		1.3	11.0	4.8	420	15	13.0	525	1.18	1.08	0.92	1.30	0.02	5.00	30				
9 3 66		5200.		2.8	12.0	2.0	370	32	24.0	518	1.12	0.60	0.33	1.20	0.04	4.40	23	250	176	1.30	8.2
11 5 66		90000.		10.0	11.0	9.2	480	73	31.0	589	1.61	0.96	0.00	1.50	0.15	3.00	36	280	196	0.71	8.1
25 5 66		5900.		18.0	13.0	3.4	338	16		566	0.34	0.14	0.16	0.91	0.02	1.20	31				
27 6 66		2100.		23.0	11.0	6.0			62.0		0.72	0.16	0.12	2.10	0.06	0.00					
8 8 66		480.		20.0	8.0	6.6	356	40	9.5	576	2.40	0.90	0.30	1.35	0.05	0.00	56				
15 9 66		162000.		20.0	8.0	5.6	490	34	10.0	680	5.50	3.00	0.05	2.20	0.04	7.50	71				

NO. SAMPLES	8	8	8	6	6	7	7	8	8	8	8	8	8	8	7	3	3	3	3
MAXIMUM	610000.	23.0	13.0	12.0	490	73	62.0	695	9.30	7.60	7.22	8.30	0.30	7.50	71	280	226	1.30	8.2
MINIMUM	480.	1.3	5.0	2.0	338	15	9.5	518	0.34	0.14	0.00	0.91	0.02	0.00	23	248	176	0.60	7.7
AVERAGE	114210.	13.6	9.9	6.2	409	35	23.9	592	2.77	1.80	1.14	2.36	0.08	2.71	45	259	199	0.87	8.0
MEDIAN	21950.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- CATFISH CREEK

STREAM MILEAGE- C 0.6

LOCATION CODE: 16-0097-02-001

STREAM- CATFISH CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 73

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		270.		13.0	10.5	2.3	404	35	43.0	460	0.50	0.50	0.00	0.40	0.01	0.12	23	284	207	1.30	8.4
6 1 66		700.		1.8	11.6	1.2	408	15	10.0	555	0.29	0.27	0.13	0.65	0.01	3.00	27				
9 3 66		60.		2.0	12.0	2.2	380	21	10.5	548	0.48	0.31	0.00	0.58	0.02	2.20	20	270	200	1.10	8.2
11 5 66		70.		10.5	10.0	2.4	424	27	16.0	590	0.22	0.10	0.00	0.46	0.01	0.55	28	270	204	0.90	8.2
25 5 66 16		124.		19.0	12.0	2.0	332	35	29.0	546	0.28	0.01	0.20	0.78	0.00	0.30	21				
27 6 66		700.		25.0	11.0	4.0	502	116	74.0	590	0.84	0.24	0.33	1.55	0.04	0.25	24				
19 7 66		120.		27.0	8.0	2.7		42	27.0	551	0.20	0.02	0.02	0.52	0.00	0.02	12	246	229	0.71	8.2
8 8 66		240.		22.0	8.0	6.4	412	98	59.0	501	0.62	0.02	0.03	1.55	0.01	0.00	14				
17 8 66		690.		23.5	11.0	3.6	378	42	38.0	476	0.46	0.02	0.02	1.30	0.00	0.00	15				
15 9 66		1080.		19.0	9.0	4.0	386	62	38.0	451	1.30	0.82	0.02	0.84	0.00	0.80	16				

NO. SAMPLES	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	1080.	27.0	12.0	6.4	502	116	74.0	590	1.30	0.82	0.33	1.55	0.04	3.00	28	284	229	1.30	8.4
MINIMUM	60.	1.8	8.0	1.2	332	15	10.0	451	0.20	0.01	0.00	0.40	0.00	0.00	12	246	200	0.71	8.2
AVERAGE	405.	16.3	10.3	3.1	402	49	34.4	526	0.52	0.23	0.07	0.86	0.01	0.72	20	267	210	1.00	8.2
MEDIAN	255.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- BIG OTTER CR.

STREAM MILEAGE- 80 0.5

LOCATION CODE: 16-0109-02-001

STREAM- BIG OTTER CR.

SAMPLE POINT DESCRIPTION- 1000 FT. BELOW PORT BURWELL BRG.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		390.	97.6	10.0	10.5	1.8	380	60	13.5	445	0.44	0.24	0.00	0.33	0.01	0.25	16	272	198	0.72	8.5
6 1 66		3800.	271.0	1.6	12.0	2.0	372	15	7.5	500	0.32	0.20	0.12	0.65	0.01	3.00	17				
8 3 66		150.	441.0	0.5	12.0	1.4	344	47	23.0	476	0.40	0.16	0.06	1.00	0.02	2.20	13	240	180	1.80	8.3
11 5 66			186.0	11.0	11.0	1.0	432	31	11.0	556	0.16	0.03	0.00	0.65	0.01	0.70	17	270	219	0.80	8.3
24 5 66		80.	158.0	21.5	10.0	4.4	314	49	21.0	483	0.34	0.01	0.23	1.20	0.00	0.26	17				
27 6 66		90.	103.0	27.0	10.0	4.3	368	48	48.0		0.54	0.08	0.66	1.60	0.02	0.50	17				
19 7 66		110.	58.3	29.0	11.0	6.9		54	13.5	450	0.44	0.02	0.02	0.91	0.00	0.02	15	206	169	1.06	8.2
8 8 66		290.	65.0	23.0	9.0	4.2	300	34	31.0	429	0.30	0.08	0.03	0.65	0.01	0.00	22				
18 8 66		260.	74.9	22.5	12.0	3.2	328	24	23.0	525	0.32	0.02	0.20	1.10	0.01	0.07	16				
15 9 66		830.	67.2	18.5	10.0	2.8	296	36	6.0	484	0.32	0.12	0.02	0.65	0.01	0.23	15				

NO. SAMPLES	9	10	10	10	10	9	10	10	9	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	3800.	441.0	29.0	12.0	6.9	432	60	48.0	556	0.54	0.24	0.66	1.60	0.02	3.00	22	272	219	1.80	8.5
MINIMUM	80.	58.3	0.5	9.0	1.0	296	15	6.0	429	0.16	0.01	0.00	0.33	0.00	0.00	13	206	169	0.72	8.2
AVERAGE	667.	152.2	16.5	10.7	3.2	348	39	19.7	483	0.36	0.10	0.13	0.87	0.01	0.72	16	247	191	1.09	8.3
MEDIAN	260.																			
MAXIMUM KILOTONS/YEAR					5.22	0.69	150.	20.4		0.174	0.070	0.067	0.43	0.009	0.956	5.65	104.	78.	0.782	
MINIMUM KILOTONS/YEAR					0.58	0.17	19.	1.8		0.019	0.001	0.000	0.03	0.000	0.000	0.86	12.	10.	0.061	
AVERAGE KILOTONS/YEAR					1.68	0.37	57.	5.8		0.053	0.018	0.018	0.13	0.002	0.202	2.37	48.	37.	0.265	

RIVER BASIN- SOUTH OTTER CR

STREAM MILEAGE- 50 0.2

LOCATION CODE: 16-0110-02-001

STREAM- SOUTH OTTER CR

SAMPLE POINT DESCRIPTION- NEW LAKE RD.E.OF PORT BURWELL

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	370.	20.5	11.0	8.5	1.1	320	32	24.0	400	0.24	0.08	0.05	0.33	0.00	0.16	7	116	184	1.10	8.3
6 1 66	88.	41.3	2.5	11.5	2.6	322	15	11.0	420	1.44	0.57	0.02	0.17	0.00	0.60	7				
8 3 66	20.	64.4	2.0	12.5	0.6	304	48	13.0	438	0.24	0.12	0.00	0.40	0.01	0.60	5	230	172	1.73	8.2
11 5 66		30.2	8.0	9.0	0.1	334	20	5.0	434	0.02	0.00	0.00	0.46	0.01	0.12	7	220	172	0.60	8.3
24 5 66	80.	26.6	19.5	10.0	4.2	328	39	18.0	472	0.24	0.04	0.23	1.15	0.01	0.26	18				
27 6 66	180.	16.5	25.5	11.0	2.8	342	45	31.0		0.36	0.04	0.20	1.10	0.01	0.00	23				
19 7 66	200.	2.0	27.0	2.8	2.2		20	13.5	294	0.16	0.02	0.02	0.26	0.00	0.00	5	192	164	1.03	8.4
2 8 66	400.	10.0	24.0	8.0	4.2	376	68	12.0	470	0.32	0.16	0.30	0.65	0.01	0.00	20				
17 8 66	620.	11.0	20.0	7.0	1.6	298	19		436	0.14	0.01	0.18	1.00	0.01	0.02	7				
15 9 66	1020.	10.0	17.0	8.0	14.0	352	38	24.0	475	0.30	0.06	0.05	0.43	0.02	0.13	15				

NO. SAMPLES	9	10	10	10	10	9	10	9	9	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	1020.	64.4	27.0	12.5	14.0	376	68	31.0	475	1.44	0.57	0.30	1.15	0.02	0.60	23	230	184	1.73	8.4
MINIMUM	20.	2.0	2.0	2.8	0.1	298	15	5.0	294	0.02	0.00	0.00	0.17	0.00	0.00	5	116	164	0.60	8.2
AVERAGE	331.	23.2	15.6	8.8	3.3	330	34	16.8	426	0.35	0.11	0.10	0.59	0.01	0.19	11	189	173	1.11	8.3
MEDIAN	200.																			
MAXIMUM KILOTONS/YEAR					0.79	0.14	19.	3.0		0.059	0.023	0.006	0.03	0.001	0.038	0.47	15.	11.	0.110	
MINIMUM KILOTONS/YEAR					0.01	0.00	3.	0.0		0.000	0.000	0.000	0.00	0.000	0.000	0.01	0.	0.	0.002	
AVERAGE KILOTONS/YEAR					0.24	0.05	8.	0.8		0.010	0.004	0.002	0.01	0.000	0.008	0.22	6.	5.	0.038	

RIVER BASIN- CLEAR CREEK

STREAM MILEAGE- C 0.5

LOCATION CODE: 16-0111-02-001

STREAM- CLEAR CREEK

SAMPLE POINT DESCRIPTION- COUNTY RD., NO.9 HOUGHTON TWP.

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	470.		12.0	9.0	1.2	324	27	26.0	400	0.16	0.12	0.13	0.40	0.00	0.36	8	250	176	1.20	8.1
6 1 66	144.		2.8	11.7	2.2	292	15		440	0.10	0.10	0.03	0.30	0.00	0.50	7				
8 3 66	30.		1.5	12.0	1.4	274	28	10.0	393	0.20	0.10	0.00	0.40	0.01	0.44	5	220	152	1.42	8.2
11 5 66			8.0	11.0	0.8	328	28	9.5	407	0.06	0.00	0.00	0.46	0.01	0.22	7	215	165	1.02	8.2
24 5 66	10.		21.0	11.0	1.2	290	37	20.0	418	0.16	0.03	0.12	0.71	0.00	0.60	12				
19 6 66	1160.		25.5	8.0	2.1		54		390	0.32	0.02	0.20	1.10	0.01	0.20	7	190	151	2.54	8.1
27 6 66	600.		23.5	10.0	1.5	360	68	53.0	415	0.34	0.04	0.05	0.71	0.05	0.50	11				
8 8 66	53000.		21.5	8.0	3.3	328	60	23.0	404	0.30	0.04	0.12	0.65	0.02	0.52	8				
17 8 66	6000.		19.0	8.5	1.2	344	46	22.0	417	0.18	0.01	0.13	1.40	0.01	0.50	8				
15 9 66	16000.		16.0	10.0	2.0	304	34	21.0	414	0.18	0.02	0.06	0.40	0.01	0.50	7				

NO. SAMPLES	9	10	10	10	9	10	8	10	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	53000.	25.5	12.0	3.3	360	68	53.0	440	0.34	0.12	0.20	1.40	0.05	0.60	12	250	176	2.54	8.2
MINIMUM	10.	1.5	8.0	0.8	274	15	9.5	390	0.06	0.00	0.00	0.30	0.00	0.20	5	190	151	1.02	8.1
AVERAGE	8602.	15.1	9.9	1.7	316	39	23.1	409	0.20	0.05	0.08	0.65	0.01	0.43	8	218	161	1.54	8.1
MEDIAN	600.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR



RIVER BASIN- BIG CREEK

STREAM MILEAGE- B 0.2

LOCATION CODE: 16-0124-02-001

STREAM- BIG CREEK

SAMPLE POINT DESCRIPTION- HIGHWAY NO 59,COUNTY OF NORFOLK

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	230.	134.0	10.0	10.5	1.2	324	17	11.0	430	0.16	0.12	0.05	0.46	0.01	0.40	16	260	187	1.11	8.1
6 1 66	2000.	322.0	1.8	11.6	0.8	324	15	7.5	440	0.14	0.13	0.05	0.23	0.01	1.00	14				
8 3 66	90.	392.0	2.6	12.0	1.6	326	37	13.0	384	0.28	0.09	0.00	0.58	0.01	0.09	9	230	168	1.61	8.1
11 5 66		222.0	8.5	10.0	0.6	369	19	7.5	452	0.10	0.03	0.00	0.46	0.01	0.42	14	260	192	0.60	8.2
24 5 66	10.	192.0	20.0	11.0	1.2	320	15	4.5	494	0.12	0.01	0.16	0.33	0.00	0.60	20				
27 6 66	32.	134.0	25.0	10.0	1.1	360	15	8.5		0.22	0.10	0.16	0.58	0.01	0.50	21				
19 7 66	80.	58.0	25.5	9.0	1.6		5	6.0	495	0.10	0.01	0.02	0.58	0.01	0.25	23	228	175	0.50	8.4
8 8 66	80.	98.2	22.0	8.0	3.5	362	16	9.0	480	0.16	0.06	0.18	1.04	0.01	0.32	22				
17 8 66	110.	98.2	21.5	7.0	1.4	322	12	9.0	83	0.14	0.01	0.10	1.00	0.02	0.45	20				
15 9 66	270.	88.5	18.0	9.0	1.6	328	15	10.5	484	0.12	0.02	0.16	0.30	0.01	0.25	20				

NO. SAMPLES	9	10	10	10	10	9	10	10	9	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	2000.	392.0	25.5	12.0	3.5	369	37	13.0	495	0.28	0.13	0.18	1.04	0.02	1.00	23	260	192	1.61	8.4
MINIMUM	10.	58.0	1.8	7.0	0.6	320	5	4.5	83	0.10	0.01	0.00	0.23	0.00	0.09	9	228	168	0.50	8.1
AVERAGE	322.	173.9	15.5	9.8	1.5	337	16	8.6	415	0.15	0.06	0.09	0.56	0.01	0.43	17	244	180	0.95	8.2
MEDIAN	90.																			
MAXIMUM KILOTONS/YEAR				4.64	0.62	126.	14.3			0.108	0.041	0.030	0.22	0.004	0.317	4.44	89.	65.	0.622	
MINIMUM KILOTONS/YEAR				0.51	0.09	29.	0.3			0.006	0.001	0.000	0.03	0.000	0.014	1.31	13.	10.	0.029	
AVERAGE KILOTONS/YEAR				1.80	0.22	62.	3.5			0.029	0.012	0.012	0.09	0.002	0.079	2.68	48.	35.	0.232	

RIVER BASIN- DEDRICH CREEK

STREAM MILEAGE- D 0.6

LOCATION CODE: 16-0126-02-001

STREAM- DEDRICH CREEK

SAMPLE POINT DESCRIPTION- FRONT RD., TWP. OF WALSINGHAM S.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		290.	13.8	7.0	10.0	1.4	300	13	20.0	370	0.12	0.12	0.30	0.33	0.01	0.32	10	240	167	0.83	8.2
6 1 66		300.	23.6	2.0	11.0	6.8	286	22	7.5		0.11	0.07	0.13	0.30	0.00	0.80	9				
8 3 66		20.	57.9	2.0	10.0	2.0	302	63	11.5	362	0.34	0.09	0.00	0.40	0.01	0.06	6	144	144	2.28	8.1
11 5 66		44.	17.8	8.5	10.0	1.0	272	20	9.0	345	0.08	0.00	0.00	0.26	0.01	0.10	7	169	169	0.74	8.2
24 5 66		50.	15.3	22.0	12.0	1.2	274	33	18.0	375	0.22	0.08	0.00	1.30	0.00	0.44	8				
27 6 66		110.	8.6	26.0	11.0	1.6	264	40	13.5		0.22	0.04	0.13	0.58	0.02	0.15	10				
19 7 66		580.	3.7	25.5	6.0	1.2		14	18.0	350	0.16	0.08	0.05	0.46	0.01	0.15	5	149	149	1.05	8.1
8 8 66		670.	5.2	23.0	7.0	3.4	256	40	27.0	324	0.22	0.04	0.28	0.65	0.01	0.12	6				
17 8 66		3700.		22.0	7.0	2.4	256	32	36.0	355	0.18	0.02	0.08	1.10	0.02	0.13	6				
15 9 66		590.	4.5	18.5	9.0	1.1	230	27	26.0	357	0.18	0.02	0.16	0.33	0.01	0.07	5				

NO. SAMPLES	10	9	10	10	10	9	10	10	8	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	3700.	57.9	26.0	12.0	6.8	302	63	36.0	375	0.34	0.12	0.30	1.30	0.02	0.80	10	240	169	2.28	8.2
MINIMUM	20.	3.7	2.0	6.0	1.0	230	13	7.5	324	0.08	0.00	0.00	0.26	0.00	0.06	5	144	144	0.74	8.1
AVERAGE	635.	16.7	15.6	9.3	2.2	271	30	18.6	354	0.18	0.06	0.11	0.57	0.01	0.23	7	175	157	1.22	8.1
MEDIAN	295.																			
MAXIMUM KILOTONS/YEAR					0.57	0.16	17.	3.6		0.019	0.005	0.004	0.02	0.001	0.019	0.34	8.	8.	0.130	
MINIMUM KILOTONS/YEAR					0.02	0.00	1.	0.1		0.001	0.000	0.000	0.00	0.000	0.000	0.02	1.	1.	0.004	
AVERAGE KILOTONS/YEAR					0.17	0.04	5.	0.6		0.004	0.001	0.001	0.01	0.000	0.004	0.12	4.	3.	0.040	

RIVER BASIN- NANTICOKE CR.

STREAM MILEAGE- N 1.0

LOCATION CODE: 16-0164-02-001

STREAM- NANTICOKE CR.

SAMPLE POINT DESCRIPTION- CONCESSIONS 1 &amp; 2,WALPOLE TWP.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		7000.	6.0	13.0	7.0	4.0	416	56	84.0	350	0.80	0.70	0.16	2.10	0.06	0.75	17	190	106	5.15	7.9
6 1 66		24.	20.0	0.0	13.0	3.4	336	15	4.0	470	0.18	0.14	0.03	0.43	0.00	1.25	19				
8 3 66		20.	69.9	0.6	13.0	1.8	288	31	11.5	447	0.32	0.09	0.16	0.71	0.03	1.60	15	232	188	1.47	7.9
11 5 66				6.0	10.0	1.5	356	15	4.5	526	0.10	0.00	0.00	0.46	0.01	0.00	23	250	173	0.60	8.2
24 5 66		60.	12.9	24.0	13.0	1.8	316	26	16.0	482	0.18	0.02	0.20	1.00	0.00	0.32	29				
27 6 66		70.	1.4	28.0	12.0	4.4	350	50	29.0	453	0.46	0.10	0.13	1.40	0.02	0.00	25				
19 7 66		2300.	0.8	26.5	8.0	4.0		59	53.0	427	0.45	0.02	0.20	2.10	0.00	0.02	22	186	141	2.52	7.9
8 8 66		550.	0.0	22.0	7.0	6.8	342	73	45.0	426	0.68	0.16	0.20	2.50	0.01	0.00	26				
17 8 66		560.	0.0	22.0	9.0	3.6	396	76	62.0	465	0.68	0.04	0.05	2.50	0.00	0.04	36				
15 9 66		470.	0.0	20.0	10.0	6.8	372	53	29.0	581	0.40	0.01	0.03	1.80	0.00	0.00	66				

NO.SAMPLES	9	9	10	10	10	9	10	10	10	10	10	10	10	10	10	10	4	4	4	4
MAXIMUM	7000.	69.9	28.0	13.0	6.8	416	76	84.0	581	0.80	0.70	0.20	2.50	0.06	1.60	66	250	188	5.15	8.2
MINIMUM	20.	0.0	0.0	7.0	1.5	288	15	4.0	350	0.10	0.00	0.00	0.43	0.00	0.00	15	186	106	0.60	7.9
AVERAGE	1228.	12.3	16.2	10.2	3.8	352	45	33.8	462	0.42	0.13	0.12	1.50	0.01	0.40	27	214	152	2.43	8.0
MEDIAN	470.																			
MAXIMUM KILOTONS/YEAR					0.90	0.12	20.	2.1			0.022	0.006	0.011	0.05	0.002	0.110	1.03	16.	13.	0.101
MINIMUM KILOTONS/YEAR					0.01	0.00	0.	0.0			0.000	0.000	0.000	0.00	0.000	0.000	0.02	0.	0.	0.002
AVERAGE KILOTONS/YEAR					0.23	0.04	7.	0.5			0.006	0.002	0.003	0.01	0.000	0.024	0.32	6.	5.	0.045

RIVER BASIN- STONET CREEK

STREAM MILEAGE- 5 1.0

LOCATION CODE: 16-0173-02-001

STREAM- STONEY CREEK

SAMPLE POINT DESCRIPTION- SELKIRK ROAD, RAINHAM TWP.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65		3000.	4.0	10.0	9.0	2.8			48.0	460	0.80	0.60	0.12	1.50	0.07	0.50	34	230	120	3.65	7.8
6 1 66		1200.	28.0	0.4	11.7	9.0	294	22	56.0		0.85	0.30	0.13	1.00	0.00	1.25	17				
8 3 66		30.	78.0	0.3	11.0	0.8	280	46	30.0	255	0.58	0.26	0.12	1.10	0.01	1.20	10	110	76	4.40	8.1
11 5 66			14.2	11.0	9.0	1.2	448	21	21.0	604	0.22	0.08	0.20	1.40	0.00	0.00	38	250	154	1.29	8.0
24 5 66		150.	19.5	23.5	12.0	2.6	396	15	10.5	612	0.16	0.06	0.23	1.10	0.00	0.48	40				
29 6 66		4.	7.2	30.5	11.0	1.7	524	18	11.5		0.22	0.02	0.16	1.20	0.00	0.00	85				

NO. SAMPLES	5	6	6	6	6	5	5	6	4	6	6	6	6	6	6	6	3	3	3	3
MAXIMUM	3000.	78.0	30.5	12.0	9.0	524	46	56.0	612	0.85	0.60	0.23	1.50	0.07	1.25	85	250	154	4.40	8.1
MINIMUM	4.	4.0	0.3	9.0	0.8	280	15	10.5	255	0.16	0.02	0.12	1.00	0.00	0.00	10	110	76	1.29	7.8
AVERAGE	877.	25.1	12.6	10.6	3.0	388	24	29.5	482	0.47	0.22	0.16	1.22	0.01	0.57	37	196	116	3.11	8.0
MEDIAN	150.																			
MAXIMUM KILOTONS/YEAR					0.85	0.25	22.	3.5		0.045	0.020	0.009	0.08	0.001	0.092	0.77	8.	6.	0.338	
MINIMUM KILOTONS/YEAR					0.04	0.01	4.	0.1		0.002	0.000	0.000	0.01	0.000	0.000	0.13	1.	0.	0.014	
AVERAGE KILOTONS/YEAR					0.27	0.07	9.	1.0		0.013	0.006	0.004	0.03	0.000	0.023	0.55	4.	3.	0.124	

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 0.4

LOCATION CODE: 16-0184-02-001

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- RYMER RD., PORT MAITLAND - LT

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
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10 5 66

2.0

NO. SAMPLES

1

MAXIMUM  
MINIMUM  
AVERAGE

2.0  
2.0  
2.0

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 0.4

LOCATION CODE: 16-0184-02-002

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- RYMER RD., PORT MAITLAND - CT

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
10 5 66			11.0	10.0	3.6	504	62	27.0	621	2.76	1.72	0.10	0.77	0.02	0.14	27	320	204	1.63	8.3
24 5 66	190.	2540.0	21.0	11.0	4.2	436	32	29.0	605	2.36	2.24	0.60	1.20	0.02	0.48	26				
27 6 66	17000.	980.0	28.0	10.0	3.2			9.5		3.80	2.60	0.50	1.60	0.06	0.25					
19 7 66	2100.	858.0	26.0	9.0	2.0		40	40.0	700	3.50	3.40	0.50	1.40	0.04	0.15	32	308	182	1.62	7.9

NO. SAMPLES	3	3	4	4	4	2	3	4	3	4	4	4	4	4	4	3	2	2	2	2
MAXIMUM	17000.	2540.0	28.0	11.0	4.2	504	62	40.0	700	3.80	3.40	0.60	1.60	0.06	0.48	32	320	204	1.63	8.3
MINIMUM	190.	858.0	11.0	9.0	2.0	436	32	9.5	605	2.36	1.72	0.10	0.77	0.02	0.14	26	308	182	1.62	7.9
AVERAGE	6430.	1459.3	21.5	10.0	3.2	470	44	26.4	642	3.10	2.49	0.42	1.24	0.03	0.25	28	314	193	1.62	8.1
MEDIAN	2100.																			
MAXIMUM KILOTONS/YEAR			27.53	10.51	1091.	80.1				5.907	5.607	1.502	3.00	0.058	1.202	65.08	260.	154.	1.370	
MINIMUM KILOTONS/YEAR			7.61	1.69	1091.	33.8				2.959	2.511	0.423	1.18	0.034	0.127	27.06	260.	154.	1.370	
AVERAGE KILOTONS/YEAR			14.93	5.10	1091.	57.0				4.179	3.664	0.803	1.91	0.047	0.523	46.07	260.	154.	1.370	

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 0.4

LOCATION CODE: 16-0184-02-002

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- RYMER RD., PORT MAITLAND - CT

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
10	5	66								1.7				

NO. SAMPLES

1

MAXIMUM  
MINIMUM  
AVERAGE

1.7  
1.7  
1.7

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 0.4

LOCATION CODE: 16-0184-02-003

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- RYMER RD., PORT MAITLAND - CB

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
10	5 66		1130.0	11.0	10.0	4.2	548	126	62.0	652	6.10	3.04	0.05	1.40	0.02	0.26	23	310	201	4.30	8.3
24	5 66	200.	2540.0	21.0	10.0	4.0	434	27	27.0	615	2.24	2.24	0.43	1.30	0.02	0.12	31				
27	6 66	180.	980.0	28.0	9.0	2.5			7.5		3.30	2.80	0.66	2.00	0.04	0.20					
19	7 66	14.	858.0	26.0	9.0	4.2		61	50.0	695	3.90	3.50	0.50	1.60	0.03	0.10	32	304	182	2.27	7.8

NO. SAMPLES	3	4	4	4	4	2	3	4	3	4	4	4	4	4	4	3	2	2	2	2
MAXIMUM	200.	2540.0	28.0	10.0	4.2	548	126	62.0	695	6.10	3.50	0.66	2.00	0.04	0.26	32	310	201	4.30	8.3
MINIMUM	14.	858.0	11.0	9.0	2.5	434	27	7.5	615	2.24	2.24	0.05	1.30	0.02	0.10	23	304	182	2.27	7.8
AVERAGE	131.	1377.0	21.5	9.5	3.7	491	71	36.6	654	3.88	2.89	0.41	1.57	0.03	0.17	28	307	191	3.28	8.0
MEDIAN	180.																			
MAXIMUM KILOTONS/YEAR					25.03	10.01	1086.	140.3			6.793	5.607	1.076	3.25	0.050	0.300	77.60	345.	224.	4.789
MINIMUM KILOTONS/YEAR					7.61	2.41	610.	51.6			3.187	2.704	0.056	1.35	0.022	0.085	25.61	257.	154.	1.919
AVERAGE KILOTONS/YEAR					13.12	5.16	848.	86.5			4.721	3.664	0.548	2.02	0.034	0.217	43.42	301.	189.	3.354



RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 0.4

LOCATION CODE: 16-0184-02-003

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- RYMER RD., PORT MAITLAND - CB

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
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10 5 66

1.8

NO.SAMPLES

1

MAXIMUM  
MINIMUM  
AVERAGE

1.8  
1.8  
1.8

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

2.005  
2.005  
2.005

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 0.4

LOCATION CODE: 16-0184-02-004

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- RYMER RD., PORT MAITLAND - RT

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
10 5 66				10.0	10.0	4.0	482	45	32.0	644	5.50	3.10	0.20	1.00	0.00	0.26	22	320	195	1.70	8.3
24 5 66		3000.	2540.0	21.0	11.0	5.2	414	32	31.0	607	2.60	2.24	0.20	1.40	0.02	0.22	32				
27 6 66		90.	980.0	28.5	10.0	2.6	366	44	8.5		3.40	3.00	0.33	2.20	0.05	0.25	41				
19 7 66		8100.	858.0	26.0	9.0	2.7	190	30	40.0	695	3.90	3.85	0.02	2.95	0.04	0.05	31	310	182	1.80	7.9
8 8 66		18000.		23.5	6.0	6.2	508	58	20.0	645	6.70	4.30	0.30	1.30	0.01	0.24	34				
15 9 66		15000.	746.0	20.0	8.0	4.4	438	21	10.5	681	1.36	1.00	0.26	1.20	0.02	0.01	36				

NO. SAMPLES	5	4	6	6	6	6	6	6	5	6	6	6	6	6	6	6	2	2	2	2
MAXIMUM	18000.	2540.0	28.5	11.0	6.2	508	58	40.0	695	6.70	4.30	0.33	2.95	0.05	0.26	41	320	195	1.80	8.3
MINIMUM	90.	746.0	10.0	6.0	2.6	190	21	8.5	607	1.36	1.00	0.02	1.00	0.00	0.01	22	310	182	1.70	7.9
AVERAGE	8838.	1281.0	21.5	9.0	4.2	399	38	23.7	654	3.91	2.91	0.22	1.67	0.02	0.17	32	315	188	1.75	8.1
MEDIAN	8100.																			
MAXIMUM KILOTONS/YEAR					27.53	13.02	1036.	80.1			6.508	5.607	0.501	3.50	0.050	0.551	80.10	262.	154.	1.522
MINIMUM KILOTONS/YEAR					5.88	2.28	161.	15.4			1.000	0.735	0.017	0.88	0.015	0.007	26.21	262.	154.	1.522
AVERAGE KILOTONS/YEAR					12.67	5.26	468.	40.9			3.522	3.124	0.257	2.25	0.037	0.210	43.09	262.	154.	1.522

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 0.4

LOCATION CODE: 16-0184-02-004

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- RYMER RD., PORT MAITLAND - RT

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
10 5 66										2.0				
8 8 66										0.8				

NO. SAMPLES

2

MAXIMUM  
MINIMUM  
AVERAGE2.0  
0.8  
1.4MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GSU 4.4

LOCATION CODE: 16-0184-02-005

STREAM- SUNFISH CREEK

SAMPLE POINT DESCRIPTION- HILL STREET, DUNNVILLE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB		
14	10	65		370000.		22.0	0.0	390.0	2204	288	170.0	2750	0.10	4.00	1.15	18.00	0.00	0.00	733	140	270	1.16	6.7
5	1	66		60000.		17.5	3.6																
8	3	66		2500.		2.0	5.0	32.0	736	31	18.0	1010	3.64	2.52	0.66	6.10	0.04	0.00	112	270	244	0.65	8.6
11	5	66				21.0	0.0	250.0	2538	190	120.0	3370	10.00	4.50	4.27	12.00	0.00	0.00	688	600	296	1.20	7.2
24	5	66		350.		23.5	0.0	195.0	2084	43	45.0	2950	4.36	1.62	1.15	0.40	0.00	0.00	451				
27	6	66		73000000.		26.0	2.0	370.0	2240	98	84.0	3185	11.80	9.00	3.28	20.00	0.00	0.00	649				
8	8	66		15900000.		25.5	0.0	215.0	1618	97	90.0	1870	15.80	14.00	1.40	22.00	0.01	0.00	362				
15	9	66		11.		29.0	0.0	290.0	1772	150	90.0	2161	9.20	5.50		14.00	0.00	0.20	344				

NO. SAMPLES	7	8	8	7	7	7	7	7	7	7	6	7	7	7	7	3	3	3	3
MAXIMUM	73000000.	29.0	5.0	390.0	2538	288	170.0	3370	15.80	14.00	4.27	22.00	0.04	0.20	733	600	296	1.20	8.6
MINIMUM	11.	2.0	0.0	32.0	736	31	18.0	1010	0.10	1.62	0.66	0.40	0.00	0.00	112	140	244	0.65	6.7
AVERAGE	12761837.	20.8	1.3	248.9	1884	128	88.1	2470	7.84	5.88	1.98	13.21	0.01	0.03	477	336	270	1.00	7.5
MEDIAN	60000.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GSU 4.4

LOCATION CODE: 16-0184-02-005

STREAM- SUNFISH CREEK

SAMPLE POINT DESCRIPTION- HILL STREET, DUNNVILLE

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
14 10 65			0.7											
8 3 66			2.9											
11 5 66			3.8							0.8				
8 8 66			2.6											

NO. SAMPLES

4

1

MAXIMUM  
MINIMUM  
AVERAGE3.8  
0.7  
2.50.8  
0.8  
0.8MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 10.8

LOCATION CODE: 16-0184-02-006

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- END ROAD, CANFIELD JUNCTION

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14 10 65	210.		15.0	11.0	4.8	528	69	9.0	570	1.72	0.56	0.36	1.60	0.03	0.56	34	302	183	1.60	7.8
5 1 66	1100.		1.2	11.0	2.1	338	15	24.0				0.20	1.00	0.01	1.50	15				
8 3 66	160.		0.2	9.0	4.4	336	50	41.0	448	0.72	0.40	0.60	1.20	0.02	0.80	16	210	152	2.27	7.9
11 5 66			9.0	10.0	4.4	544	32	13.5	672	0.52	0.26	0.26	1.10	0.00	0.00	29	330	202	1.09	8.6
24 5 66	100.		21.0	11.0	6.8	638	286	87.0	624	1.68	0.28	0.20	0.70	0.00	0.48	29				
27 6 66	20.		28.0	10.0	4.0	434	46	39.0	620	0.68	0.26	0.60	2.00	0.00	0.05	28				
5 8 66	3000.		23.5	8.0	5.5	488	28	11.5	660	0.86	0.56		1.70	0.01	0.12	34				
15 9 66	17000.		19.0	9.0	4.6	436	19	9.0	675	1.26	1.00	0.36	1.40	0.01	0.01	36				

NO. SAMPLES	7	8	8	8	8	8	8	7	7	7	7	8	8	8	8	3	3	3	3
MAXIMUM	17000.	28.0	11.0	6.8	638	286	87.0	675	1.72	1.00	0.60	2.00	0.03	1.50	36	330	202	2.27	8.6
MINIMUM	20.	0.2	8.0	2.1	336	15	9.0	448	0.52	0.26	0.20	0.70	0.00	0.00	15	210	152	1.09	7.8
AVERAGE	3084.	14.6	9.9	4.6	467	68	29.2	609	1.06	0.47	0.37	1.34	0.01	0.44	27	280	179	1.65	8.1
MEDIAN	210.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 10.8

LOCATION CODE: 16-0184-02-006

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- END ROAD, CANFIELD JUNCTION

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
8 3 66			0.1											
11 5 66			0.1							0.2				

NO. SAMPLES

2

1

MAXIMUM

0.1

0.2

MINIMUM

0.1

0.2

AVERAGE

0.1

0.2

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GS 30.7

LOCATION CODE: 16-0184-02-007

STREAM- SENECA CREEK

SAMPLE POINT DESCRIPTION- KINCARDINE ST., CALEDONIA

DATE SAMPLED	HOURLY	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
14	10 65	4000.		11.0	6.0	3.3	430	14	4.0	3250	1.00	0.88	0.13	1.10	0.01	0.00	127	1640	235	0.30	7.6
5	1 66	3300.		0.5	11.0	2.4	936	15	24.0		0.56	0.08	0.20	1.00	0.02	1.50	40				
9	3 66	1600.		0.1	11.0	2.2	764	56	27.0	929	0.64	0.20	0.16	1.10	0.03	1.80	28	485	132	2.62	8.1
11	5 66	43000.		7.0	7.0	7.2	2198	19	18.0	2420	0.72	0.35	0.00	0.00	0.01	0.00	61	1490	234	0.55	7.6
24	5 66	12000.		22.0	9.0	1.6	2182	15	9.5	2360	1.36	0.86	0.36	0.71	0.00	0.48	56				
27	6 66	850.		30.0	7.0	4.9	576	15	4.0			1.14	0.72	1.80	0.00	0.00	73				
8	8 66	21000.		21.5		5.8	2508	10	6.5	2610	2.70	1.56	0.66	2.50	0.01	0.00	144				
15	9 66	190.		17.0		10.0	2900	84	7.0	3220	2.18	1.00	2.00	6.60	0.10	0.00	233				

NO. SAMPLES	8	8	6	8	8	8	8	6	7	8	8	8	8	8	8	3	3	3	3
MAXIMUM	43000.	30.0	11.0	10.0	2900	84	27.0	3250	2.70	1.56	2.00	6.60	0.10	1.80	233	1640	235	2.62	8.1
MINIMUM	190.	0.1	6.0	1.6	430	10	4.0	929	0.56	0.08	0.00	0.00	0.00	0.00	28	485	132	0.30	7.6
AVERAGE	10742.	13.6	8.5	4.7	1561	28	12.5	2464	1.31	0.76	0.53	1.85	0.02	0.47	95	1205	200	1.16	7.8
MEDIAN	3650.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR



RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 54.5

LOCATION CODE: 16-0184-02-008

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- DOWNSTREAM, CANADA GLUE CO.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHQ	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15	2 66	3700.		1.3	10.0	13.0	642	356	77.0	400	1.76	0.27	0.40	9.90	0.00	1.00	16				
9	5 66	300.		11.0	11.0	10.0	426	48	41.0	564	0.96	0.33	0.00	2.80	0.05	0.90	36	260	81	0.65	8.9
25	5 66	28000.		21.0	10.0	6.2	400		13.5	535	0.74	0.18	0.20	2.10	0.03	0.24	28				
27	6 66	57000.		24.5	6.0	3.7	464	92	24.0		0.98	0.70	0.36	1.30	0.20	0.60	36				
2	8 66			22.5	7.0	5.4	432	50	10.0	592	0.86	0.34	0.03	1.10	0.27	0.42	36				
6	8 66	950.		3.0	10.5	4.0	382	23		580	0.45	0.32	0.33	1.20	0.04	1.25	25				
8	9 66	56000.				1.8	464	34	12.0	645	0.80	0.32	0.02	2.80	0.02	0.05					

NO. SAMPLES	6	6	6	7	7	6	6	6	7	7	7	7	7	7	6	1	1	1	1
MAXIMUM	57000.	24.5	11.0	13.0	642	356	77.0	645	1.76	0.70	0.40	9.90	0.27	1.25	36	260	81	0.65	8.9
MINIMUM	300.	1.3	6.0	1.8	382	23	10.0	400	0.45	0.18	0.00	1.10	0.00	0.05	16	260	81	0.65	8.9
AVERAGE	24325.	13.9	9.1	6.3	458	100	29.6	552	0.94	0.35	0.19	3.03	0.09	0.64	29	260	81	0.65	8.9
MEDIAN	15850.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GN 75.3

LOCATION CODE: 16-0184-02-009

STREAM- NITH RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY 24A

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
9 11 65	1520	600.		6.0	13.0	0.4			9.0	600	0.12	0.08	0.00	0.52	0.00	0.80		368	216	0.62	7.8
15 2 66		240.		1.8	13.5	3.0	282	29	12.5	410	0.60	0.22	0.60	1.60	0.00	2.00	10				
5 4 66		780.		1.5	10.2	2.8	404			575	0.10	0.02	0.00	0.71	0.03	0.80	17				
9 5 66		230.		9.0	10.0	7.2	474	15	14.0	660	0.10	0.03	0.00	1.00	0.01	0.45	15	340	100	0.41	8.4
25 5 66		90.		2.0	10.0	3.4	386	42			0.20	0.01	0.00	1.10	0.01	0.24	17				
27 6 66		590.		25.0	5.0	3.0		50	31.0		0.26	0.03	0.20	0.90	0.04	0.30	17				
2 8 66				22.5	8.0	2.9	550	119	38.0	656	0.46	0.04	0.18	1.10	0.04	0.34	14				
8 9 66		140000.		20.0	10.0	1.2	580	21	12.5		0.16	0.08	0.03	0.40	0.00	0.05					

NO. SAMPLES	7	8	8	8	6	6	6	5	8	8	8	8	8	8	6	2	2	2	2
MAXIMUM	140000.	25.0	13.5	7.2	580	119	38.0	660	0.60	0.22	0.60	1.60	0.04	2.00	17	368	216	0.62	8.4
MINIMUM	90.	1.5	5.0	0.4	282	15	9.0	410	0.10	0.01	0.00	0.40	0.00	0.05	10	340	100	0.41	7.8
AVERAGE	20361.	11.0	10.0	3.0	446	46	19.5	580	0.25	0.06	0.13	0.92	0.02	0.62	15	354	158	0.51	8.1
MEDIAN	590.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 82.8

LOCATION CODE: 16-0184-02-010

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- GLENMORRIS BRIDGE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
9 11 65 1600	610.		6.0	12.0	2.0		11	7.5	480	0.60	0.48	0.43	1.20	0.04	0.60		266	197	2.80	7.9
15 2 66	410.		0.8	13.0	3.0	282	15	8.0	400	0.70	0.48	0.36	1.40	0.00	1.25	21				
5 4 66	670.		0.0	10.5	3.6	396	42		551	0.62	0.52	0.72	1.40	0.02	1.00	27				
9 5 66	20.		11.0	12.0	2.6	370	15	5.0	550	0.54	0.53	0.00	1.10	0.02	0.70	31	260	22	0.22	9.0
25 5 66	90.		18.0	10.0	2.8	314	15		487	0.72	0.54	0.06	1.00	0.03	0.22	25				
27 6 66	140.		24.5	2.4	3.6	386	15	6.5	544	0.98	0.80	0.06	1.20	0.20	1.00	31				
2 8 66			22.0	4.0	2.1	310	14	8.5	495	0.86	0.56	0.03	0.46	0.02	0.64	24				
8 9 66	380.		20.0	11.0	2.8	402	11	7.5		1.46	1.14	0.02	1.00	0.02	0.40					

NO. SAMPLES	7	8	8	8	7	8	6	7	8	8	8	8	8	8	8	6	2	2	2	2
MAXIMUM	670.	24.5	13.0	3.6	402	42	8.5	551	1.46	1.14	0.72	1.40	0.20	1.25	31	266	197	2.80	9.0	
MINIMUM	20.	0.0	2.4	2.0	282	11	5.0	400	0.54	0.48	0.00	0.46	0.00	0.22	21	260	22	0.22	7.9	
AVERAGE	331.	12.8	9.4	2.8	351	17	7.2	501	0.81	0.63	0.21	1.09	0.04	0.73	26	263	109	1.51	8.4	
MEDIAN	380.																			

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 86.5

LOCATION CODE: 16-0184-02-011

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 24

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
9 11 65 1620	590.		5.5	12.0	2.2		16	11.0	460	0.52	0.52	0.36	1.00	0.04	0.60		264	194	1.70	8.0
15 2 66	470.		0.5	12.0	2.0	292	15	6.0	405	0.58	0.56	0.57	2.30	0.00	1.25	22				
5 4 66	1140.		1.0	11.0	3.6	378			537	0.55	0.42	0.66	1.20	0.01	1.20	26				
9 5 66	40.		11.0	13.0	2.6	360	15	4.0	550	0.54	0.53	0.20	1.10	0.03	0.70	32	260	206	0.25	9.1
25 5 66	260.		18.0	9.0	3.0	312	15			0.60	0.40	0.16	0.78	0.02	0.22	21				
27 6 66			25.5	6.0	4.6	382	15	4.5	545	1.02	0.82	0.08	0.84	0.20	0.75	32				
2 8 66			22.0	7.0	3.2	318	29	8.0	464	0.94	0.56	0.03	1.00	0.01	0.64	22				
7 9 66	410.		20.0	12.0	2.4	408	9	4.0		1.24	1.02	0.02	0.71	0.03	0.50					

NO. SAMPLES	6	8	8	8	7	7	6	6	8	8	8	8	8	8	6	2	2	2	2
MAXIMUM	1140.	25.5	13.0	4.6	408	29	11.0	550	1.24	1.02	0.66	2.30	0.20	1.25	32	264	206	1.70	9.1
MINIMUM	40.	0.5	6.0	2.0	292	9	4.0	405	0.52	0.40	0.02	0.71	0.00	0.22	21	260	194	0.25	8.0
AVERAGE	485.	12.9	10.2	2.9	350	16	6.2	493	0.75	0.60	0.26	1.12	0.04	0.73	25	262	200	0.97	8.5
MEDIAN	440.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 94.4

LOCATION CODE: 16-0184-02-012

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- BLAIR BRIDGE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
9 11 65 1700	21000.		5.5	12.0	1.6		28	10.5	500	0.44	0.28	0.40	1.50	0.02	0.50		270	196	1.40	8.0
15 2 66	550.		0.3	11.0	3.0	278	15	7.5	420	0.72	0.54	0.75	2.10	0.00	2.50	23				
5 4 66	270.		2.0	11.5	2.8	416	49		528	0.36	0.24		1.00	0.08	1.25	24				
9 5 66	80.		10.5	11.0	2.4	354	15	3.3	534	0.28	0.24	0.23	1.20	0.02	0.55	25	260	188	0.11	8.7
25 5 66	780.		17.0	10.0	2.0	302	15			0.50	0.39	0.23	1.00	0.01	0.16	17				
27 6 66			24.0	3.4	3.4	344	16	9.0	472	0.52	0.42	0.03	0.65	0.20	0.40	21				
2 8 66			22.0	5.0	2.4	298	37	9.5	435	0.66	0.44	0.03	0.71	0.01	0.64	16				
8 9 66	500.		18.5	9.0	2.4	340	8	6.5		0.66	0.55	0.33	0.84	0.02	0.15					

NO. SAMPLES	6	8	8	8	7	8	6	6	8	8	7	8	8	8	6	2	2	2	2
MAXIMUM	21000.	24.0	12.0	3.4	416	49	10.5	534	0.72	0.55	0.75	2.10	0.20	2.50	25	270	196	1.40	8.7
MINIMUM	80.	0.3	3.4	1.6	278	8	3.3	420	0.28	0.24	0.03	0.65	0.00	0.15	16	260	188	0.11	8.0
AVERAGE	3863.	12.5	9.1	2.5	333	22	7.7	481	0.52	0.39	0.29	1.12	0.04	0.77	21	265	192	0.75	8.3
MEDIAN	525.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

LOCATION CODE: 16-0184-02-013

SAMPLE POINT DESCRIPTION- BEAVERDALE BR., HIGHWAY NO.24

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 110.3

LOCATION CODE: 16-0184-02-015

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- BRIDGEPORT BRIDGE

DATE SAMPLED D M Y	HOURLY CFS	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
9 11 65	1830	320.		5.0	12.0	5.2		28	27.0	450	0.16	0.12	0.12	1.00	0.00	0.60		264	203	1.50	8.2
17 2 66		500.		0.1	13.0	1.4	296	15	11.5	400	0.36	0.14	0.46	1.20	0.00	1.50	4				
5 4 66		190.		1.5	12.0	2.9	310	21		474	0.06	0.06	0.05	0.06		(1.20	15				
9 5 66		40.		11.0	13.0	3.0	428	15	7.0	644	0.28	0.11	0.20	1.45	0.02	1.00	33	300	229	0.69	8.6
25 5 66		170.		12.0	7.0	1.8	316	15	6.5	456	0.14	0.00	0.00	0.58	0.01	0.00	15				
27 6 66				23.5	4.0	2.4	288	15	10.0	437	0.14	0.06	0.16	1.20	0.01	0.30	16				
2 8 66				21.0	6.0	2.4	278	24	8.0	419	0.18	0.02	0.12	1.10	0.02	0.34	12				
8 9 66		430.		16.0	9.0	1.2	304	50	9.0		0.08	0.02	0.03	0.46	0.00	0.05					

NO. SAMPLES	6	8	8	8	7	8	7	7	8	8	8	8	7	8	6	2	2	2	2
MAXIMUM	500.	23.5	13.0	5.2	428	50	27.0	644	0.36	0.14	0.46	1.45	0.02	1.50	33	300	229	1.50	8.6
MINIMUM	40.	0.1	4.0	1.2	278	15	6.5	400	0.06	0.00	0.00	0.06	0.00	0.00	4	264	203	0.69	8.2
AVERAGE	275.	11.3	9.5	2.5	317	22	11.3	468	0.17	0.07	0.14	0.88	0.01	0.62	15	282	216	1.09	8.4
MEDIAN	255.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GCG 125.6

LOCATION CODE: 16-0184-02-016

STREAM- CANAGAGAGE CR.

SAMPLE POINT DESCRIPTION- DOWNSTREAM FROM TOWN OF ELMIRA

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHQ	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	2 66	132000.		0.6	13.0	3.2	462	15	2.9	610	0.62	0.41	1.05	2.10	0.01	5.00	7				
5	4 66	12000.		2.0	11.0	9.1	460			708	0.45	0.34	0.80			3.00	30				
9	5 66	4000.		12.0	12.0	29.0	940	24	13.5	1380	2.35	0.11	4.10	12.00	6.00	2.60	93	350	230	0.80	7.4
25	5 66	78000.		15.0	8.0	5.8	460	15			0.96	0.70	1.97	4.80	0.08	0.16	30		241		8.1
27	6 66	1010.		24.0	6.0	3.0		26	5.5		1.28	0.32	0.26	6.00	1.00	2.00	61				
2	8 66			20.0	6.0																
8	9 66	1140.		19.0	4.1	6.8	796	7	5.5	1092	2.20	1.80	3.28	3.50	0.06	0.30					

NO. SAMPLES	6	7	7	6	5	5	4	4	6	6	6	5	5	6	5	1	2	1	2
MAXIMUM	132000.	24.0	13.0	29.0	940	26	13.5	1380	2.35	1.80	4.10	12.00	6.00	5.00	93	350	241	0.80	8.1
MINIMUM	1010.	0.6	4.1	3.0	460	7	2.9	610	0.45	0.11	0.26	2.10	0.01	0.16	7	350	230	0.80	7.4
AVERAGE	38025.	13.2	8.6	9.5	623	17	6.8	947	1.31	0.61	1.91	5.68	1.43	2.18	44	350	235	0.80	7.7
MEDIAN	8000.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR



RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GCG 125.6

LOCATION CODE: 16-0184-02-016

STREAM- CANAGAGAGE CR.

SAMPLE POINT DESCRIPTION- DOWNSTREAM FROM TOWN OF ELMIRA

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
5 4 66		40.												
25 5 66		30.												
27 6 66		30.												

NO. SAMPLES	3
MAXIMUM	40.
MINIMUM	30.
AVERAGE	33.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GCD 139.6

LOCATION CODE: 16-0184-02-017

STREAM- CONESTOGO R.

SAMPLE POINT DESCRIPTION- AT CONESTOGO DAM

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
23	11	65		3.0	11.0	2.2		14	26.0	380	0.52	0.20	0.23	1.00	0.00	0.40	10	218	177	1.05	8.2
17	2	66	900.	0.3	11.0	2.2	202	58	40.0	240	0.60	0.16	0.33	1.42	0.00	0.50	4				
6	4	66	60.	0.0	11.5	2.6	240			319	0.16	0.10	0.20	0.46	0.00	0.50	7				
9	5	66	0.	12.0	11.0	1.9	244	15	10.5	371	0.15	0.01	0.00	0.00	0.10	0.40	9	190	165	0.36	8.3
25	5	66	30.	13.0	11.0	1.8	234	15			0.08	0.01	0.00	0.58	0.01	0.14	13		180		8.7
27	6	66	10.	16.0	2.8	2.4	306	15	53.0	429	0.12	0.02	0.10	1.30	0.02	0.40	12				
2	8	66		19.5	5.0	1.6	314	122	65.0	396	0.34	0.01	0.26	0.10	0.01	0.34	10				
8	9	66	120.	18.0	8.0	0.8	304	8	12.0		0.20	0.02	0.15	0.65	0.01	0.04					

NO. SAMPLES	6	8	8	8	7	7	6	6	8	8	8	8	8	8	7	2	3	2	3
MAXIMUM	900.	19.5	11.5	2.6	314	122	65.0	429	0.60	0.20	0.33	1.42	0.10	0.50	13	218	180	1.05	8.7
MINIMUM	0.	0.0	2.8	0.8	202	8	10.5	240	0.08	0.01	0.00	0.00	0.00	0.04	4	190	165	0.36	8.2
AVERAGE	187.	10.2	8.9	1.9	263	35	34.4	355	0.27	0.07	0.16	0.69	0.02	0.34	9	204	174	0.70	8.4
MEDIAN	45.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 141.3

LOCATION CODE: 16-0184-02-018

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- OUTLET, BELWOOD LAKE DAM

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25 11 65		160.		1.5	12.0	0.6			7.0	470	0.12	0.04	0.10	0.33	0.00	0.32	8	260	198	0.58	8.2
6 4 66		28.		0.0	11.0	3.4	220	28		318	0.12	0.04	0.05	0.06	0.00	0.45	6				
9 5 66		40.		9.0	12.0	3.2	244	15	4.0	370	0.06	0.00	0.00	0.65	0.01	0.22	6	200	168	0.15	8.5
25 5 66		50.		10.0	10.0	1.6	280	15			0.06	0.00	0.00	0.71	0.00	0.00	13		188		8.5
28 6 66				27.0	6.0	2.5	288	15		405	0.06	0.01	0.12	0.46	0.01	0.05	11				
3 8 66		90.		21.0	6.0	2.0	292	8	6.0	407	0.12	0.01	0.20		0.00	0.10	12				
8 9 66		80.		19.5	7.0	1.4	234	6	4.0	362	0.12	0.01	0.02	0.75	0.01	0.05	7				

NO. SAMPLES	6	7	7	7	6	6	4	6	7	7	7	6	7	7	7	2	3	2	3
MAXIMUM	160.	27.0	12.0	3.4	292	28	7.0	470	0.12	0.04	0.20	0.75	0.01	0.45	13	260	198	0.58	8.5
MINIMUM	28.	0.0	6.0	0.6	220	6	4.0	318	0.06	0.00	0.00	0.06	0.00	0.00	6	200	168	0.15	8.2
AVERAGE	75.	12.6	9.1	2.1	259	14	5.2	388	0.09	0.02	0.07	0.49	0.00	0.17	9	230	184	0.36	8.4
MEDIAN	65.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- G 141.3

LOCATION CODE: 16-0184-02-018

STREAM- GRAND RIVER

SAMPLE POINT DESCRIPTION- OUTLET, BELWOOD LAKE DAM

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
25 5 66		2.												

NO. SAMPLES	1
MAXIMUM	2.
MINIMUM	2.
AVERAGE	2.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GL 168.2

LOCATION CODE: 16-0184-02-019

STREAM- LUTHER L. DAM

SAMPLE POINT DESCRIPTION- LUTHER LAKE DAM OUTLET

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
25	5 66	110.		18.0	8.0	4.0	182	15	8.5		0.14	0.01	0.05	0.91	0.00	0.00	7				
28	6 66			26.5	11.0	2.2	194	15	7.5	217	0.18	0.04	0.30	1.20	0.01	0.05	4				
3	8 66	20.		20.0	8.0	1.3	134	8		158	0.26	0.02	0.20		0.00	0.00	6				
8	9 66	260.		19.0	8.0	3.1	106	17		165	0.18	0.01	0.03	1.00	0.00	0.05	4				

NO. SAMPLES	3	4	4	4	4	4	2	3	4	4	4	3	4	4	4
MAXIMUM	260.	26.5	11.0	4.0	194	17	8.5	217	0.26	0.04	0.30	1.20	0.01	0.05	7
MINIMUM	20.	18.0	8.0	1.3	106	8	7.5	158	0.14	0.01	0.03	0.91	0.00	0.00	4
AVERAGE	130.	20.9	8.7	2.6	154	13	8.0	180	0.19	0.02	0.14	1.04	0.00	0.02	5
MEDIAN	110.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GNB 128.6

LOCATION CODE: 16-0184-02-020

STREAM- BADEN CREEK

SAMPLE POINT DESCRIPTION- HWY 7 &amp; 8 POLICE VILL. OF BADEN

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
23 11 65			5.0	10.0	1.2		15	11.0	520	0.48	0.40	0.00	0.71	0.02	2.00	21	284	227	0.61	8.0
8 2 66	1100.		4.0	11.0	2.0	406	15	8.5	560	0.16	0.06	0.05	0.58	0.00	1.40	12				
5 4 66	31000.		15.0	13.0	3.8	370	18		546	1.02	0.90	0.05	0.06	0.01	0.75	29				
9 5 66	7000.		8.0	12.0	8.8	292	45	23.0	400	0.78	0.03	0.00	0.52	0.02	0.17	16	220	168	0.50	8.6
25 5 66	1100.		19.0	8.0	4.2	330	15		508	0.88	0.54	0.13	1.00	0.02	0.70	25		95		8.6
27 6 66	880.		20.5	5.0	3.8	364	48	24.0	492	1.14	1.00	0.02	0.65	0.10	0.80	17				
2 8 66			17.5	7.0	2.6	358	14	10.0	494	0.76	0.64	0.62	1.20	0.06	0.64	12				
9 9 66	49000.		15.0	7.0	1.6	356	37	13.0		0.90	0.66	0.30	0.91	0.02	0.10					

NO. SAMPLES	6	8	8	8	7	8	6	7	8	8	8	8	8	8	7	2	3	2	3
MAXIMUM	49000.	20.5	13.0	8.8	406	48	24.0	560	1.14	1.00	0.62	1.20	0.10	2.00	29	284	227	0.61	8.6
MINIMUM	880.	4.0	5.0	1.2	292	14	8.5	400	0.16	0.03	0.00	0.06	0.00	0.10	12	220	95	0.50	8.0
AVERAGE	15013.	13.0	9.1	3.5	353	25	14.9	502	0.76	0.53	0.15	0.70	0.03	0.82	18	252	163	0.55	8.4
MEDIAN	4050.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- GRAND RIVER

STREAM MILEAGE- GNS 159.1

LOCATION CODE: 16-0184-02-021

STREAM- SMITH CREEK

SAMPLE POINT DESCRIPTION- CONS. 9 AND 10, MILVERTON VILL.

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
23 11 65			3.5	10.0	2.2		15	16.0	450	0.36	0.28	0.12	0.91	0.01	2.00	11	260	211	0.82	8.0
15 2 66	420.		0.0	11.0	2.0	252	15	16.0	370	0.30	0.18	0.20	1.60	0.01	1.50	10				
5 4 66	90.		0.0	13.0	3.2	270	20	3.8	431	0.10	0.10	0.10	0.65	0.05	1.25	10				
9 5 66	20.		8.0	11.0	3.4	316	15	9.0	574	0.20	0.03	0.00	1.20	0.01	0.24	17	250	213	0.40	8.3
25 5 66	100.		16.0	9.0	2.0	294	15		506	0.18	0.10	0.00	0.58	0.02	0.18	16				8.4
27 6 66			27.5	9.0	3.6	312	15	0.2	474	0.20	0.04	0.40	1.30	0.00	0.50	20				
2 8 66			20.5	7.0	3.8	264	26	23.0	435	0.68	0.22	1.64	2.30	0.02	0.00	38				
8 9 66	340.		15.5	7.0	2.8	292	15	13.5	450	0.40	0.10	0.30	2.10	0.00	0.03	38				

NO. SAMPLES	5	8	8	8	7	8	7	8	8	8	8	8	8	8	8	2	2	2	3
MAXIMUM	420.	27.5	13.0	3.8	316	26	23.0	574	0.68	0.28	1.64	2.30	0.05	2.00	38	260	213	0.82	8.4
MINIMUM	20.	0.0	7.0	2.0	252	15	0.2	370	0.10	0.03	0.00	0.58	0.00	0.00	10	250	211	0.40	8.0
AVERAGE	194.	11.4	9.6	2.9	285	17	11.6	461	0.30	0.13	0.34	1.33	0.01	0.71	20	255	212	0.61	8.2
MEDIAN	100.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- WELLAND RIVER

STREAM MILEAGE- PW 0.5

LOCATION CODE: 16-0190-02-001

STREAM- WELLAND RIVER

SAMPLE POINT DESCRIPTION- 1ST BRIDGE FROM LAKE ERIE

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18	8 66	40.		22.5	8.5	0.9	210	3		325	0.10	0.01	0.02	0.71	0.00	0.00					
15	9 66	810.		20.0	8.0	1.8	232	15	3.1	335	0.16	0.06	0.16	0.40	0.01	0.00	28				

NO. SAMPLES	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1
MAXIMUM	810.	22.5	8.5	1.8	232	15	3.1	335	0.16	0.06	0.16	0.71	0.01	0.00	28	
MINIMUM	40.	20.0	8.0	0.9	210	3	3.1	325	0.10	0.01	0.02	0.40	0.00	0.00	28	
AVERAGE	425.	21.2	8.2	1.3	221	9	3.1	330	0.13	0.03	0.09	0.55	0.00	0.00	28	
MEDIAN	425.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- TRENT RIVER

STREAM MILEAGE- T 0.2

LOCATION CODE: 17-0021-02-001

STREAM- TRENT RIVER

SAMPLE POINT DESCRIPTION- BRIDGE ON HWY.2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65		540.	2080.0	12.5	10.0	3.7		7	4.0	240	0.16	0.08	0.13	0.60	0.00	0.00	6	122	111	0.00	7.8
9 3 66		96.	7220.0	0.5	11.0	5.2	148	15	1.7	248	0.16	0.06	0.06	0.46	0.01	0.12	5	120	103	0.25	7.9
21 4 66		430.	1640.0	10.1	10.0	3.8	150	15	2.8		0.06	0.01	0.00	0.84	0.00	0.00	7				
20 5 66		206.	3850.0	13.8	9.0	1.9	146	3	4.0		0.08	0.00	0.00	0.91	0.00	0.00	13				
16 6 66		1900.	6340.0	21.0	9.0	5.0	192	16			0.14	0.04	0.08	0.78	0.00	0.00	10				
7 7 66		1300.	1940.0	23.5	10.0	8.9	182	16	16.0	230	0.30	0.01	0.03	1.55	0.00	7.50	5	110	97	0.30	8.7
8 8 66		1500.	1120.0	28.0	10.0	6.8	162	4	8.0	235	0.16	0.02	0.03	0.90	0.01	0.00	5				
30 8 66		12000.	1100.0	22.5	8.0	10.0	200	15	6.5		0.18	0.02	0.12	1.60	0.00	0.08					

NO.SAMPLES	8	8	8	8	8	7	8	7	4	8	8	8	8	8	8	7	3	3	3	3
MAXIMUM	12000.	7220.0	28.0	11.0	10.0	200	16	16.0	248	0.30	0.08	0.13	1.60	0.01	7.50	13	122	111	0.30	8.7
MINIMUM	96.	1100.0	0.5	8.0	1.9	146	3	1.7	230	0.06	0.00	0.00	0.46	0.00	0.00	5	110	97	0.00	7.8
AVERAGE	2246.	3161.2	16.5	9.6	5.7	168	11	6.1	238	0.15	0.03	0.06	0.95	0.00	0.96	7	117	103	0.18	8.1
MEDIAN	920.																			
MAXIMUM KILOTONS/YEAR					78.27	37.00	1200.	106.7			1.138	0.427	0.500	4.87	0.071	*****	62.48	854.	733.	1.779
MINIMUM KILOTONS/YEAR					8.67	6.14	179.	4.4			0.097	0.000	0.000	0.99	0.000	0.000	5.52	210.	185.	0.000
AVERAGE KILOTONS/YEAR					30.52	15.57	542.	38.5			0.461	0.115	0.177	2.48	0.010	1.910	26.58	438.	382.	0.784

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- T 31.6

LOCATION CODE: 17-0021-02-002

STREAM- TRENT RIVER

SAMPLE POINT DESCRIPTION- DAM, TOWN OF CAMPBELLFORD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		46000.		10.5	9.0	1.7		10	7.5	190	0.50	0.44	0.00	1.10	0.00	0.00	6	114	94	0.13	7.9
10 3 66		6400.		0.5	11.0	5.8	174	15	1.8	233	0.40	0.16	0.00	0.65	0.00	1.00	5	116	93	0.33	7.6
4 5 66				9.0	11.0	1.9	142	15	2.6	323	0.62	0.03	0.02	0.20	0.01	0.05	6	100	83	0.12	8.2
16 6 66		72.		21.0	9.0	2.0	156	10			0.16	0.14	0.03			0.05	10				8.3
8 8 66		168.		25.0	8.0	3.4	156	4	5.5	222	0.14	0.02					5				

NO.SAMPLES	4	5	5	5	4	5	4	4	5	5	4	3	3	4	5	3	3	3	4
MAXIMUM	46000.	25.0	11.0	5.8	174	15	7.5	323	0.62	0.44	0.03	1.10	0.01	1.00	10	116	94	0.33	8.3
MINIMUM	72.	0.5	8.0	1.7	142	4	1.8	190	0.14	0.02	0.00	0.20	0.00	0.00	5	100	83	0.12	7.6
AVERAGE	13160.	13.2	9.6	3.0	157	10	4.3	242	0.36	0.16	0.01	0.65	0.00	0.27	6	110	90	0.19	8.0
MEDIAN	3284.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TX 47.1

LOCATION CODE: 17-0021-02-003

STREAM- CROW RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 7

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		300.		11.0	9.0	0.9			8.5	349	0.12	0.06	0.00	0.60	0.00	0.24	42	136	112	0.13	7.8
10 3 66		4.		0.5	12.0	1.9	134	15	0.1	200	0.18	0.09	0.00	0.40	0.00	0.00	4	98	80	0.27	7.5
4 5 66		8.		8.0	12.0	1.8	122	15	2.6	170	0.06	0.02	0.02	0.13	0.01	0.05	5	80	66	0.16	8.1
16 6 66		448.		20.0	9.0	1.4	138	2			0.04										8.3
8 8 66		324.		25.0	8.0	2.3	128	3	3.3	182		0.01	0.01	0.58	0.00	0.00	3				
31 8 66		190.		23.0	7.2	1.3		1		183	0.02	0.02	0.05	0.65	0.00	0.07					

NO. SAMPLES	6	6	6	6	4	5	4	5	5	5	5	5	5	5	4	3	3	3	4
MAXIMUM	448.	25.0	12.0	2.3	138	15	8.5	349	0.18	0.09	0.05	0.65	0.01	0.24	42	136	112	0.27	8.3
MINIMUM	4.	0.5	7.2	0.9	122	1	0.1	170	0.02	0.01	0.00	0.13	0.00	0.00	3	80	66	0.13	7.5
AVERAGE	212.	14.6	9.5	1.6	130	7	3.6	216	0.08	0.04	0.02	0.47	0.00	0.07	13	104	86	0.19	7.9
MEDIAN	245.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- T 50.2

LOCATION CODE: 17-0021-02-004

STREAM- TRENT RIVER

SAMPLE POINT DESCRIPTION- HI-LO COTTAGE DOCK, HASTINGS

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 12 65	155.		1.0	11.0	1.0	152	15	2.9		0.14	0.10	0.05	0.58	0.00	0.00	4				
2 2 66	1000.		1.0	10.0	2.7	164	4			0.12	0.06	0.20	0.71	0.07	0.00	9				
1 3 66	1400.		3.0	11.0	1.1	176	15		223	0.12	0.07	0.13	0.71	0.02	0.10	5				
5 4 66	116.		3.0	4.0	2.7	168	15		245	0.04	0.00				0.00	8				
5 5 66	150.		9.0	10.0	2.6	176	15			0.29	0.00		0.84		0.00					
8 6 66	1660.		20.3	8.0	3.2	180	15			0.10	0.01	0.10	1.00	0.00	0.00					
4 7 66	700.		28.0	8.0	3.6	190		9.0		0.12	0.06	0.10	1.10	0.00	0.00	7				
16 8 66	3500.		23.5	9.0	7.2	186	15	12.5		0.24	0.00	0.92	2.10	0.01	0.03	10				
2 9 66	350.		22.5	9.0	4.2	152	15			0.24	0.00	0.03		0.00	0.02					

NO. SAMPLES	9	9	9	9	9	8	3	2	9	9	7	7	7	9	6
MAXIMUM	3500.	28.0	11.0	7.2	190	15	12.5	245	0.29	0.10	0.92	2.10	0.07	0.10	10
MINIMUM	116.	1.0	4.0	1.0	152	4	2.9	223	0.04	0.00	0.03	0.58	0.00	0.00	4
AVERAGE	1003.	12.4	8.9	3.1	171	13	8.1	234	0.16	0.03	0.22	1.01	0.01	0.02	7
MEDIAN	700.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- T 50.3

LOCATION CODE: 17-0021-02-005

STREAM- TRENT RIVER

SAMPLE POINT DESCRIPTION- DENTS COTTAGES, HASTINGS

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15	12	65	116.	1.0	13.0	0.8	140	15	4.0	200	0.15	0.11	0.06	0.58	0.00	0.00	6				
2	2	66	22.	1.5	11.0	1.5	158				0.10	0.07	0.06	0.58	0.00	0.00					
1	3	66	1500.	3.0	11.0	1.0	152	15		213	0.14	0.09	0.16	0.58	0.01	0.16	5				
5	4	66	8.	3.0	8.0	2.2	152	15		231	0.02	0.00				0.00	7				
3	5	66	140.	8.5	10.0	2.9	174	30			0.29	0.00		0.84		0.00					
8	6	66	28.	20.5	7.0	2.7	136	15			0.12	0.00	0.12	0.58	0.00	0.00					
4	7	66	7000.	26.8	9.0	6.7	180		7.5		0.28	0.01	0.20	1.10	0.00	0.02	5				
16	8	66	700.	23.0	9.0	5.0	190	9			0.22	0.00	0.20	1.50	0.01	0.00	7				
2	9	66	220.	22.5	10.0	5.2	140	12			0.22	0.00	0.03		0.00	0.02					

NO. SAMPLES	9	9	9	9	9	7	2	3	9	9	7	7	7	9	5
MAXIMUM	7000.	26.8	13.0	6.7	190	30	7.5	231	0.29	0.11	0.20	1.50	0.01	0.16	7
MINIMUM	8.	1.0	7.0	0.8	136	9	4.0	200	0.02	0.00	0.03	0.58	0.00	0.00	5
AVERAGE	1082.	12.2	9.8	3.1	158	15	5.7	214	0.17	0.03	0.12	0.82	0.00	0.02	6
MEDIAN	140.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TI 63.9

LOCATION CODE: 17-0021-02-006

STREAM- INDIAN RIVER

SAMPLE POINT DESCRIPTION- FIRST ROAD, SOUTH OF KEENE

DATE SAMPLED D M Y	HOURLY FLOW CFS	COLI FORMS /100ML	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 12 65		170.	1.0	0.9	0.8	250	15	2.3		0.08	0.06	0.06	0.46	0.00	0.00					
2 2 66		38.	1.0	10.0	1.7	250	15			0.08	0.06	0.23	0.58	0.00	0.00					
1 3 66		1700.	2.0	11.0	2.4	186	15	8.0	259	0.32	0.10	0.23	1.00	0.02	0.14					
5 4 66		50.	5.0	9.0	2.3	268	15		373	0.02	0.02				0.00					
5 5 66		100.	10.0	7.0	1.5	424	15			0.14	0.12		0.71		0.00					
8 6 66		2000.	21.8	6.0	1.6		15			0.10	0.07	0.08	0.71	0.00	0.00					
4 7 66		240.	28.0	7.0	1.8	234	3	3.1		0.10	0.02	0.12	0.91	0.00	0.00					
16 8 66		6000.	21.5	9.0	2.4	216	28	12.5		0.16		0.12	0.46	0.01	0.03					
2 9 66		386.	23.0	7.0	1.2	168	3	1.5		0.06	0.00	0.02		0.00	0.00					

NO. SAMPLES	9	9	9	9	8	9	5	2	9	8	7	7	7	9	5
MAXIMUM	6000.	28.0	11.0	2.4	424	28	12.5	373	0.32	0.12	0.23	1.00	0.02	0.14	8
MINIMUM	38.	1.0	0.9	0.8	168	3	1.5	259	0.02	0.00	0.02	0.46	0.00	0.00	6
AVERAGE	1187.	12.6	7.4	1.7	249	13	5.5	316	0.12	0.06	0.12	0.69	0.00	0.02	7
MEDIAN	240.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TO 64.7

LOCATION CODE: 17-0021-02-007

STREAM- OUSE RIVER

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO. 45

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		3600.				3.0		12	12.0	340	0.16	0.08	0.00	0.60	0.00	0.00	10	202	180	0.30	7.8
15 12 65		156.		1.0	12.0	0.4	254	15	2.1		0.15	0.10	0.05	0.71	0.00	0.22	8				
2 2 66		24.		1.0	7.0	1.4	354	15			0.06	0.04	0.16	0.33	0.00	0.04	10				
1 3 66		4100.		3.0	12.0	3.6	248	15		297	0.64	0.38	0.66	1.80	0.03	0.15	21				
5 4 66		4.		5.0	12.0	2.6	280	15		392	0.12	0.00			0.00	0.00	9				
3 5 66		120.		8.0	7.0	0.7	254	15			0.07	0.01		0.13		0.18					
8 6 66		1270.		19.5	8.0	1.6	256	15			0.06	0.03	0.05	0.40	0.00	0.00					
4 7 66		540.		26.5	9.0	0.8	266		1.7		0.08	0.03	0.03	0.46	0.01	0.15	8				
16 8 66		1110.		21.5	9.0	1.8	256	2	2.1		0.06	0.01		0.40	0.02	2.50	18				
2 9 66		800.		18.0	7.0	2.5	280	3			0.06	0.00	0.03		0.01	0.60					

NO. SAMPLES	10	9	9	10	9	9	4	3	10	10	7	8	9	10	7	1	1	1	1
MAXIMUM	4100.	26.5	12.0	3.6	354	15	12.0	392	0.64	0.38	0.66	1.80	0.03	2.50	21	202	180	0.30	7.8
MINIMUM	4.	1.0	7.0	0.4	248	2	1.7	297	0.06	0.00	0.00	0.13	0.00	0.00	8	202	180	0.30	7.8
AVERAGE	1172.	11.5	9.2	1.8	272	11	4.5	343	0.15	0.07	0.14	0.60	0.01	0.38	12	202	180	0.30	7.8
MEDIAN	670.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TO 77.8

LOCATION CODE: 17-0021-02-008

STREAM- OTONABEE RIVER

SAMPLE POINT DESCRIPTION- BENSFORTH BRIDGE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 12 65	4600.		2.0	10.0	1.2	126	15	2.3		0.12	0.11	0.10	0.39	0.00	0.00	4				
2 2 66	2800.		1.0	12.0	1.3	144	15	1.5		0.12	0.11	0.12	0.46	0.00	0.00	6				
1 3 66	18700.		1.0	11.0	1.2	150	15	10.5	205	0.26	0.18	0.16	0.71	0.01	0.00	7				
5 4 66	1700.		4.0	12.0	2.1	150	15		232	0.12	0.08		0.33		0.00	6				
3 5 66	32.		10.0	10.0	1.6	150	15			0.22	0.09		0.00		0.00					
8 6 66	244.		19.5	7.0	2.2	150	15			0.20	0.03	0.06	0.21	0.00	0.00					
4 7 66	90.		27.5	9.0	1.3			2.8		0.14	0.12	0.23	1.10	0.01	0.05	7				
16 8 66	60.		22.0	9.0	1.6	154	4	3.3		0.22	0.10	0.36	0.52	0.02	0.03	8				
2 9 66	60.		23.5	10.0	3.8	174	4	8.0		0.46	0.20	0.03		0.01	0.60	10				

NO. SAMPLES	9	9	9	9	8	8	6	2	9	9	7	8	7	9	7
MAXIMUM	18700.	27.5	12.0	3.8	174	15	10.5	232	0.46	0.20	0.36	1.10	0.02	0.60	10
MINIMUM	32.	1.0	7.0	1.2	126	4	1.5	205	0.12	0.03	0.03	0.00	0.00	0.00	4
AVERAGE	3143.	12.3	10.0	1.8	149	12	4.7	218	0.21	0.11	0.15	0.46	0.01	0.08	6
MEDIAN	244.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TI 79.7

LOCATION CODE: 17-0021-02-009

STREAM- INDIAN RIVER

SAMPLE POINT DESCRIPTION- DOWNSTREAM OF WARSAW

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15	12	65		56.	2.0	11.0	0.9	182	15	1.5	0.16	0.07	0.03	0.20	0.00	0.00	4				
2	2	66		8.	0.5	6.0	1.5	226	24		0.06	0.05	0.16	0.33	0.00	0.00					
1	3	66		4.	2.0	7.0	0.8		15	290	0.07	0.02	0.02	0.26	0.02	0.14	5				
5	4	66		4.	5.0	3.0	1.7	194	15	305	0.02	0.00		0.58	0.01	0.00	5				
3	5	66		28.	8.5	11.0	0.8	180	15		0.03	0.00		0.13		0.00					
8	6	66		152.	19.8	8.0	1.1	168	15		0.06			0.40		0.00					
4	7	66		150.	27.5	9.0	0.9		1.7		0.04	0.00	0.03	0.26	0.00	0.04	9				
16	8	66		1030.	22.5	9.0	1.1	295	2.1		0.04	0.00		0.46	0.01	0.04					
2	9	66		250.	25.0	8.0	2.5	166	1		0.04	0.00	0.03		0.00	0.02					

NO. SAMPLES	9	9	9	9	7	7	3	2	9	8	5	8	7	9	4
MAXIMUM	1030.	27.5	11.0	2.5	295	24	2.1	305	0.16	0.07	0.16	0.58	0.02	0.14	9
MINIMUM	4.	0.5	3.0	0.8	166	1	1.5	290	0.02	0.00	0.02	0.13	0.00	0.00	4
AVERAGE	187.	12.5	8.0	1.3	201	14	1.8	297	0.06	0.02	0.05	0.33	0.01	0.03	5
MEDIAN	56.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- 1B 82.5

LOCATION CODE: 17-0021-02-010

STREAM- BAXTER CREEK

SAMPLE POINT DESCRIPTION- BELOW DAM CONCESSION RD. NO. 5

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 12 65		3700.		2.0	13.0		300	15	3.6		0.14	0.13	0.06		0.00	0.40	10				
2 2 66		800.		1.0	4.4	1.8	302	16			0.50	0.14	0.30	0.58	0.01	0.05	22				
1 3 66		1800.		1.0	6.0	3.4	146	15		172	1.12	0.26	0.20	0.84	0.01	0.20	4				
3 5 66		16.		9.5	12.0	1.8	246	15			0.18	0.03	0.00	0.58	0.01	0.00					
8 6 66		890.		21.0	9.0	3.6	228	15			0.20	0.05	0.00	0.58	0.00	0.00	10				
4 7 66		180.		26.0	8.0	3.0			3.3		0.30	0.05	0.26	0.26	0.01	0.00	7				
16 8 66		320.		20.0	9.0	1.7	300		3.5		0.10	0.01	0.23	0.40	0.01						
23 8 66		0.		4.0	7.0	2.0	300	35		424	0.08	0.04				0.04	7				
2 9 66		260.		21.5	10.0	1.8	226	2			0.14	0.02	0.05		0.00	0.00					

NO. SAMPLES	9	9	9	8	8	7	3	2	9	9	8	6	8	8	6
MAXIMUM	3700.	26.0	13.0	3.6	302	35	3.6	424	1.12	0.26	0.30	0.84	0.01	0.40	22
MINIMUM	0.	1.0	4.4	1.7	146	2	3.3	172	0.08	0.01	0.00	0.26	0.00	0.00	4
AVERAGE	885.	11.8	8.7	2.4	256	16	3.5	298	0.31	0.08	0.14	0.54	0.01	0.09	10
MEDIAN	320.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TO 88.5

LOCATION CODE: 17-0021-02-011

STREAM- OTONABEE RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 7 LEFT SIDE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 12 65	6900.		2.0	13.0	1.5	128	15	2.8	190	0.13	0.11	0.20		0.00	0.00	5				
2 2 66	5400.		1.0	13.0	1.9	148	15			0.30	0.18	0.05	0.52	0.00	0.00	7				
1 3 66	3800.		1.0	8.0	1.2	118	15	5.5	178	0.14	0.12	0.05	0.52	0.01	0.12	5				
5 4 66	20.		4.0	10.0	2.2	284	133	26.0	255	0.20	0.02		0.46		0.00	7				
5 5 66	1800.		10.0	8.0	1.4	182	15	2.8		0.12	0.03	0.00	0.33	0.01	0.00					
8 6 66	360.		20.0	9.0	3.0	158	15			0.08	0.03	0.10	0.46	0.00	0.00	9				
4 7 66	90000.		27.0	9.0	2.5	176		4.0		0.14	0.06	0.20	0.33	0.01	0.05	7				
16 8 66	6000.		21.0	8.0	1.4	198	11	5.5		0.14	0.08	0.26	0.40	0.01	0.03					
2 9 66	132.		24.0	10.0	1.8	172	1	4.0		0.20	0.04	0.08		0.00	0.60	10				

NO. SAMPLES	9	9	9	9	9	8	7	3	9	9	8	7	8	9	7
MAXIMUM	90000.	27.0	13.0	3.0	284	133	26.0	255	0.30	0.18	0.26	0.52	0.01	0.60	10
MINIMUM	20.	1.0	8.0	1.2	118	1	2.8	178	0.08	0.02	0.00	0.33	0.00	0.00	5
AVERAGE	12712.	12.2	9.8	1.9	173	27	7.2	207	0.16	0.07	0.12	0.43	0.00	0.09	7
MEDIAN	3800.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TO 88.5

LOCATION CODE: 17-0021-02-012

STREAM- OTONABEE RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO.7 RIGHT SIDE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		15000.				1.6		8	8.5	179	0.18	0.08	0.00	0.71	0.00	0.00	4		74	0.05	8.0
15 12 65		7600.		2.0	13.0	0.1	120	15	2.6		0.10	0.09	0.06		0.00	0.00	4				
2 2 66		3200.		1.0	11.0	1.0	138	2			0.16	0.14	0.33	0.52	0.00	0.00					
1 3 66		8300.		1.0	11.0	1.2	134	15	5.0	192	0.22	0.18	0.26	0.58	0.01	0.15	8				
5 4 66		2700.		4.0	11.0	2.3	140	15		217	0.18	0.12				0.00	7				
5 5 66		830.		10.0	8.0	1.5	152	15			0.36	0.26	0.50	0.84	0.01	0.00					
8 6 66		260.		20.0	9.0	1.9		15			0.06		0.05	0.40		0.00					
4 7 66		15000.		27.0	11.0	1.2	152		2.0		0.38	0.32	0.33	0.78	0.02	0.05	8				
16 8 66		1450.		21.0	8.0	2.0	240		2.6		0.48	0.38	0.80		0.30	0.03	11				
2 9 66		156.		24.0	9.0	2.0	166	1	2.6		0.46	0.34	0.20		0.01	0.02					

NO. SAMPLES	10	9	9	10	8	8	6	3	10	9	9	6	8	10	6	1	1	1
MAXIMUM	15000.	27.0	13.0	2.3	240	15	8.5	217	0.48	0.38	0.80	0.84	0.30	0.15	11	74	0.05	8.0
MINIMUM	156.	1.0	8.0	0.1	120	1	2.0	179	0.06	0.08	0.00	0.40	0.00	0.00	4	74	0.05	8.0
AVERAGE	5450.	12.2	10.1	1.5	155	10	3.9	196	0.26	0.21	0.28	0.64	0.04	0.02	7	74	0.05	8.0
MEDIAN	2950.																	

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TO 93.1

LOCATION CODE: 17-0021-02-013

STREAM- OTONABEE RIVER

SAMPLE POINT DESCRIPTION- ROAD TO NASSAU MILLS

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 12 65		52.		1.5	14.0	0.7	112	15	1.4		0.18	0.08	0.05	0.58	0.00	0.00		4			
2 2 66		6.		3.0	14.0	1.3	152	15			0.08	0.07	0.16	0.40	0.02	0.00		5			
1 3 66		176.		2.0	13.0	0.9		15		173	0.14	0.04	0.10	0.71	0.02	0.00		4			
5 4 66		4.		4.0	13.0	2.3	136	15		202	0.02	0.00			0.60	0.00		5			
3 5 66		0.		8.0	12.0	1.6	130	15			0.04	0.04		0.39		0.00					
8 6 66		52.		17.5	10.0	2.4	128	15			0.08	0.03	0.10	1.10	0.00	0.00					
4 7 66		80.		25.5	9.0	1.8			2.3		0.06	0.00	0.20	1.30	0.01	0.03		9			
16 8 66		10.		22.5	9.0	1.3			3.8		0.06	0.00	0.13	0.64	0.01						
2 9 66		4.		24.0	9.0	3.8	154	1			0.16	0.00	0.03		0.00	0.02					

NO. SAMPLES	9	9	9	9	6	7	3	2	9	9	7	7	8	8	5
MAXIMUM	176.	25.5	14.0	3.8	154	15	3.8	202	0.18	0.08	0.20	1.30	0.60	0.03	9
MINIMUM	0.	1.5	9.0	0.7	112	1	1.4	173	0.02	0.00	0.03	0.39	0.00	0.00	4
AVERAGE	43.	12.0	11.4	1.8	135	13	2.5	187	0.09	0.03	0.11	0.73	0.08	0.01	5
MEDIAN	10.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- J 95.5

LOCATION CODE: 17-0021-02-014

STREAM- JACKSON CREEK

SAMPLE POINT DESCRIPTION- 2ND ROAD N., HWY. 28 AND 7A

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
15 12 65	262.		0.5	10.0	1.1	346	15	2.6		0.10	0.09	0.20	0.98	0.00	0.25	8				
2 2 66	20.		1.0	6.0	2.5	376	16			0.32	0.07	0.66	1.10	0.01	0.00	6				
1 3 66	550.		1.0	4.0	2.2	160	15		173	0.40	0.16	0.26	0.84	0.01	0.36	8				
5 4 66	20.		5.0	5.0	2.2	276	15		397	0.06	0.00				0.00	9				
5 5 66	20.		12.5	10.0	1.0	266	15	2.8		0.04	0.01		0.71		0.12					
8 6 66	200.		22.3	8.0	3.2	302	15		339	0.18	0.09	0.22	1.40	0.00	0.00	6				
4 7 66	8000.		26.5	6.0	3.4			8.0		0.42	0.16	0.30	0.71	0.01	0.03	7				
16 8 66	1060.		19.0	7.0	2.6	282	18	8.0	386	0.20	0.02	1.05	1.10	0.01	0.02	2				
2 9 66	320.		24.5	10.0	3.6	280	15	8.0	386	0.24	0.01	0.13		0.00	0.05	4				

NO. SAMPLES	9	9	9	9	8	8	5	5	9	9	7	7	7	9	8
MAXIMUM	8000.	26.5	10.0	3.6	376	18	8.0	397	0.42	0.16	1.05	1.40	0.01	0.36	9
MINIMUM	20.	0.5	4.0	1.0	160	15	2.6	173	0.04	0.00	0.13	0.71	0.00	0.00	2
AVERAGE	1161.	12.5	7.3	2.4	286	15	5.9	336	0.22	0.07	0.40	0.98	0.01	0.09	6
MEDIAN	262.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TO 99.8

LOCATION CODE: 17-0021-02-015

STREAM- OTONABEE RIVER

SAMPLE POINT DESCRIPTION- BELOW DAM AT LAKEFIELD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15	12	65		32.		1.5	13.0	0.3	102	15	2.6		0.34	0.13	0.03	0.33	0.00	0.00		3	
2	2	66		6.		1.0	11.0	1.1	138	15	2.8		0.08	0.07	0.12	0.26	0.01	0.00		5	
1	3	66		36.		1.0	11.0	1.2		15		194	0.06	0.04	0.03	0.40	0.02	0.00		4	
5	4	66		3.		4.0	12.0	2.1	146	15		196	0.01	0.00			0.10	0.00		5	
3	5	66		30.		7.5	11.0	1.6	128	15			0.07	0.03		0.20		0.00			
8	6	66		28.		17.3	9.0	1.2	142	15			0.14			0.33		0.00		7	
4	7	66		80.		25.5	9.0	1.0			0.6		0.04	0.01	0.05	0.26	0.01			8	
16	8	66		170.		22.0	9.0	1.0	164		2.5		0.04	0.00		0.58	0.01	0.00			
2	9	66		220.		24.5	10.0	2.5	188	1			0.06	0.01	0.02		0.00	0.00			

NO. SAMPLES	9	9	9	9	7	7	4	2	9	8	5	7	7	8	6
MAXIMUM	220.	25.5	13.0	2.5	188	15	2.8	196	0.34	0.13	0.12	0.58	0.10	0.00	
MINIMUM	3.	1.0	9.0	0.3	102	1	0.6	194	0.01	0.00	0.02	0.20	0.00	0.00	
AVERAGE	67.	11.6	10.6	1.3	144	13	2.1	195	0.09	0.04	0.05	0.34	0.02	0.00	
MEDIAN	32.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TS 106.6

LOCATION CODE: 17-0021-02-016

STREAM- STONEY L. OUT.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 28, %YOUNGAS POINT&lt;

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18	5 66	1900.		10.0	11.0	1.9	158	15		200	0.06		0.00	1.00	0.01	0.06	2				
21	7 66	300.		23.0	9.0	0.7	168	2	2.1	210	0.04	0.01	0.02	0.40	0.00	0.04	4	96	86	0.19	8.3
10	8 66	132.		23.0	7.0	1.7	170	3	5.5	209	0.08	0.00			0.00	0.00	4				
30	8 66	300.		24.0	8.0	2.1	158	15	2.0		0.06	0.00	0.10		0.00	0.03					
13	9 66	8.		19.5	9.0	0.6	124	15	14.0	206	0.10	0.01	0.23		0.00	0.02	4				

NO. SAMPLES	5	5	5	5	5	5	4	4	5	4	4	2	5	5	4	1	1	1	1
MAXIMUM	1900.	24.0	11.0	2.1	170	15	14.0	210	0.10	0.01	0.23	1.00	0.01	0.06	4	96	86	0.19	8.3
MINIMUM	8.	10.0	7.0	0.6	124	2	2.0	200	0.04	0.00	0.00	0.40	0.00	0.00	2	96	86	0.19	8.3
AVERAGE	528.	19.9	8.8	1.4	155	10	5.9	206	0.07	0.00	0.09	0.70	0.00	0.03	3	96	86	0.19	8.3
MEDIAN	300.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TL 115.4

LOCATION CODE: 17-0021-02-017

STREAM- LOVESICK OUT.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 28

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 5 66		26.		12.0	10.0	2.3	146			208	0.08	0.00	0.00	1.00	0.01	0.00	3				
21 7 66		4800.		23.0	9.0	0.9	148	1	2.8	210	0.02	0.02	0.02	0.26	0.00	0.04	4	94	83	0.19	8.2
10 8 66		68.		23.5	7.5	2.3	188	1	5.0	198	0.08	0.00	0.16		0.00	0.00	5				
30 8 66		140.		25.0	10.0	2.2	128	15	2.3	192	0.08	0.06	0.03	0.58	0.00	0.03					
13 9 66	1300	60.		19.0	9.0	1.0	126	15	16.0	188	0.04	0.00	0.05		0.00	0.00	4				

NO. SAMPLES	5	5	5	5	5	4	4	5	5	5	5	3	5	5	4	1	1	1	1
MAXIMUM	4800.	25.0	10.0	2.3	188	15	16.0	210	0.08	0.06	0.16	1.00	0.01	0.04	5	94	83	0.19	8.2
MINIMUM	26.	12.0	7.5	0.9	126	1	2.3	188	0.02	0.00	0.00	0.26	0.00	0.00	3	94	83	0.19	8.2
AVERAGE	1019.	20.5	9.1	1.7	147	8	6.5	199	0.06	0.02	0.05	0.61	0.00	0.01	4	94	83	0.19	8.2
MEDIAN	68.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TR 122.8

LOCATION CODE: 17-0021-02-018

STREAM- BUCKHORNE LAKE

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 507

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 5 66		18.		12.0	11.0	1.8	168	15		218	0.08	0.00	0.00	0.46	0.01	0.06	5				
21 7 66		570.		22.0	9.0	0.9	138	2	2.8	214	0.06	0.01	0.03	0.20	0.00	0.02	4	102	89	0.28	8.3
10 8 66		110.		24.0	8.0	1.7	202	4	6.0	198	0.06	0.00	0.08		0.00	0.00	4				
30 8 66		40.		24.5	9.0	2.4	120	15	2.0		0.06	0.01	0.08	1.20	0.00	0.03	13				
13 9 66		40.		19.5	8.0	1.0	122	15	8.0	188	0.04	0.00	0.05		0.00	0.00	4				

NO. SAMPLES	5	5	5	5	5	5	4	4	5	5	5	3	5	5	5	1	1	1	1
MAXIMUM	570.	24.5	11.0	2.4	202	15	8.0	218	0.08	0.01	0.08	1.20	0.01	0.06	13	102	89	0.28	8.3
MINIMUM	18.	12.0	8.0	0.9	120	2	2.0	188	0.04	0.00	0.00	0.20	0.00	0.00	4	102	89	0.28	8.3
AVERAGE	156.	20.4	9.0	1.6	150	10	4.7	204	0.06	0.00	0.05	0.62	0.00	0.02	6	102	89	0.28	8.3
MEDIAN	40.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TM 133.5

LOCATION CODE: 17-0021-02-019

STREAM- MISSISSAUGA R.

SAMPLE POINT DESCRIPTION- MISSISSAUGA ROAD, TWP OF HARVEY

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 5 66		18.		12.0	11.0	1.2	66	15		65	0.04	0.04	0.00	0.20	0.01	0.12	3				
21 7 66		100.		22.0	9.0	0.3	34	1	0.8	62	0.06	0.02	0.05	0.07	0.00	0.12	3	24	18	0.09	7.5
9 8 66		50.		23.0	7.5	2.0		3	6.5	69	0.04	0.00		0.00	0.00		2				
30 8 66		60.		25.0	9.0	0.7	54	15	1.4		0.04	0.01	0.03		0.00	0.03					
13 9 66	1500	80.		20.5	8.0	0.3		15	13.5	62	0.02	0.00	0.05		0.00	0.00	1				

NO. SAMPLES	5	5	5	5	3	5	4	4	5	5	4	2	5	5	4	1	1	1	1
MAXIMUM	100.	25.0	11.0	2.0	66	15	13.5	69	0.06	0.04	0.05	0.20	0.01	0.12	3	24	18	0.09	7.5
MINIMUM	18.	12.0	7.5	0.3	34	1	0.8	62	0.02	0.00	0.00	0.07	0.00	0.00	1	24	18	0.09	7.5
AVERAGE	62.	20.5	8.9	0.9	51	9	5.5	64	0.04	0.01	0.03	0.13	0.00	0.05	2	24	18	0.09	7.5
MEDIAN	60.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TC 137.8

LOCATION CODE: 17-0021-02-020

STREAM- CATCHACOMA L.

SAMPLE POINT DESCRIPTION- BEAVER LAKE RD., CAVENDISH TWP.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 5 66		12.		10.0	11.0	1.2				203	0.02	0.02	0.05	0.33	0.01	0.06	5				
21 7 66		20.		22.0	8.0	0.4	52	6	2.3	68	0.02	0.02	0.06	0.07	0.00	0.04	2	26	19	0.30	7.6
9 8 66		120.		23.0	8.0	1.7	560	3	5.0	785	0.04	0.00			0.00	0.05	2				
30 8 66	1945	40.		25.0	8.0	1.4	80	15	2.3		0.02	0.00	0.05		0.00	0.08					
13 9 66	1430	268.		19.5	8.0	1.2		15	4.5	64	0.02	0.00	0.06		0.00	0.05	1				

NO. SAMPLES	5	5	5	5	3	4	4	4	5	5	4	2	5	5	4	1	1	1	1
MAXIMUM	268.	25.0	11.0	1.7	560	15	5.0	785	0.04	0.02	0.06	0.33	0.01	0.08	5	26	19	0.30	7.6
MINIMUM	12.	10.0	8.0	0.4	52	3	2.3	64	0.02	0.00	0.05	0.07	0.00	0.04	1	26	19	0.30	7.6
AVERAGE	92.	19.9	8.6	1.2	230	9	3.5	280	0.02	0.01	0.05	0.20	0.00	0.06	2	26	19	0.30	7.6
MEDIAN	40.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- T 138.0

LOCATION CODE: 17-0021-02-021

STREAM- STURGEON OUTLT

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 36

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18	5 66	900.		12.0	10.0	1.5				279	0.00		0.00	1.50	0.01	0.00	13				
21	7 66	19000.		22.0	9.0	0.7	122	6	3.3	169	0.10	0.01	0.03	0.07	0.00	0.02	4	78	68	0.26	8.2
9	8 66	84.		24.0	8.0	1.1	132	3	6.0	157	0.08	0.01			0.00	0.00	4				
30	8 66	130.		25.0	8.0	2.8	124	15	2.9	169	0.10	0.01	0.05	0.84	0.00	0.03	7				
13	9 66 1530	4.		20.0	9.0	1.7	98	15	6.5	152	0.08	0.00	0.60		0.00	0.02	4				

NO. SAMPLES	5	5	5	5	4	4	4	5	5	4	4	3	5	5	5	1	1	1	1
MAXIMUM	19000.	25.0	10.0	2.8	132	15	6.5	279	0.10	0.01	0.60	1.50	0.01	0.03	13	78	68	0.26	8.2
MINIMUM	4.	12.0	8.0	0.7	98	3	2.9	152	0.00	0.00	0.00	0.07	0.00	0.00	4	78	68	0.26	8.2
AVERAGE	4024.	20.6	8.8	1.6	119	9	4.7	185	0.07	0.01	0.17	0.80	0.00	0.01	6	78	68	0.26	8.2
MEDIAN	130.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TB 139.2

LOCATION CODE: 17-0021-02-022

STREAM- BEAVER L. OUT.

SAMPLE POINT DESCRIPTION- BEAVER L RD., TWP OF CAVENDISH

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 5 66		22.		12.0	12.0	1.0	74			55	0.02	0.00	0.00	0.26	0.01	0.00	5				
21 7 66		44.		23.0	9.0	0.3	40	2	1.5	81	0.00	0.00	0.03	0.20	0.00	0.12	2	24	17	0.25	7.6
9 8 66		230.		23.0	8.0	1.7		1	6.5	64	0.04	0.00	0.20		0.00	0.00	2				
30 8 66	1930	120.		23.0	8.0	1.3	50	15	1.7	64	0.04	0.00	0.03	0.84	0.00	0.03	6				
13 9 66	1415	4.		19.5	9.0	1.5		15	4.0	61	0.06	0.00	0.05		0.00	0.03	2				

NO. SAMPLES	5	5	5	5	3	4	4	5	5	5	5	3	5	5	5	1	1	1	1
MAXIMUM	230.	23.0	12.0	1.7	74	15	6.5	81	0.06	0.00	0.20	0.84	0.01	0.12	6	24	17	0.25	7.6
MINIMUM	4.	12.0	8.0	0.3	40	1	1.5	55	0.00	0.00	0.00	0.20	0.00	0.00	2	24	17	0.25	7.6
AVERAGE	84.	20.1	9.2	1.2	54	8	3.4	65	0.03	0.00	0.06	0.43	0.00	0.04	3	24	17	0.25	7.6
MEDIAN	44.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- T 155.0

LOCATION CODE: 17-0021-02-023

STREAM- CAMERON L. OUT.

SAMPLE POINT DESCRIPTION- HIGHWAY NO 35, FENELON FALLS

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 5 66		18.		10.0	11.0	1.1	106	15		128	0.02	0.00	0.00	0.46	0.00	0.06	5				
21 7 66		440.		22.0	8.0	0.5	92	3	1.7	79	0.02	0.01	0.03	0.07	0.00	0.02	3	58	49	0.20	8.0
9 8 66		208.		23.0	8.0	2.9		5	5.5	124	0.06	0.01	0.18		0.00	0.00	3				
30 8 66		60.		25.0	8.0	1.4	50	15	2.0		0.04	0.02	0.03	0.71	0.00	0.03					
13 9 66	1600	600.		20.0	9.0	0.8	60	15	5.0	121	0.06	0.00	0.12		0.00	0.02	3				

NO. SAMPLES	5	5	5	5	4	5	4	4	5	5	5	3	5	5	4	1	1	1	1
MAXIMUM	600.	25.0	11.0	2.9	106	15	5.5	128	0.06	0.02	0.18	0.71	0.00	0.06	5	58	49	0.20	8.0
MINIMUM	18.	10.0	8.0	0.5	50	3	1.7	79	0.02	0.00	0.00	0.07	0.00	0.00	3	58	49	0.20	8.0
AVERAGE	265.	20.0	8.8	1.3	77	10	3.5	113	0.04	0.01	0.07	0.41	0.00	0.03	3	58	49	0.20	8.0
MEDIAN	208.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TG 166.3

LOCATION CODE: 17-0021-02-025

STREAM- GULL RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 35

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 5 66		36.		11.0	11.0	0.8	80			88	0.04	0.01	0.00	0.46	0.00	0.00	6				
21 7 66		810.		23.0	9.0	0.4	62	3	2.5	72	0.02	0.02	0.03	0.07	0.00	0.00	2	30	23	0.26	7.7
9 8 66		336.		23.5	8.0	1.2		3	8.0	74	0.04	0.00			0.00	0.00	2				
30 8 66		560.		25.0	8.0	1.5	108	15	1.1		0.02	0.01	0.02		0.00	0.03					
13 9 66	1700	120.		21.5	8.0				17.0												

NO. SAMPLES	5	5	5	4	3	3	4	3	4	4	3	2	4	4	3	1	1	1	1
MAXIMUM	810.	25.0	11.0	1.5	108	15	17.0	88	0.04	0.02	0.03	0.46	0.00	0.03	6	30	23	0.26	7.7
MINIMUM	36.	11.0	8.0	0.4	62	3	1.1	72	0.02	0.00	0.00	0.07	0.00	0.00	2	30	23	0.26	7.7
AVERAGE	372.	20.8	8.8	1.0	83	7	7.1	78	0.03	0.01	0.02	0.26	0.00	0.01	3	30	23	0.26	7.7
MEDIAN	336.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- TRENT RIVER

STREAM MILEAGE- TOC 85.1

LOCATION CODE: 17-0021-02-030

STREAM- CAVANVILLE CR

SAMPLE POINT DESCRIPTION- FIRST CONC. NORTH OF FRASERVILLE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
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5 4 66

1.5 298 12

NO. SAMPLES

1 1 1

MAXIMUM  
MINIMUM  
AVERAGE  
MEDIAN

1.5 298 12  
1.5 298 12  
1.5 298 12

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 0.7

LOCATION CODE: 17-0026-02-001

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- FOOTBRIDGE ABOVE HIGHWAY NO. 2

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65		44.		13.0	12.0	1.7			3.5	210	0.18	0.08	0.12	0.46	0.00	0.00	6	116	91	0.27	8.5
9 3 66	1910	124.		0.5	13.0	2.0	144	15	1.4	229	0.20	0.07	0.05	0.46	0.00	0.14	5	112	55	0.50	7.8
25 4 66		160.		10.3	9.0	1.8	340	15	3.3		0.05	0.01	0.00	1.20	0.00	0.00	9				
20 5 66		700.		13.5	11.0	1.7	140	5	3.8		0.10	0.03	0.00	0.64	0.00	0.00	8				
16 6 66		4600.		20.0	8.0	1.5	144	5					0.05	0.90	0.00	0.00	23				8.2
7 7 66		430.		27.0	9.0	1.9	156	3	2.1	207	0.24	0.16	0.13	0.78	0.01	3.00	5	100	90	0.26	9.0
28 7 66	1910	960.		22.0	9.0	0.8	158	20	2.5	222	0.24	0.18	0.20	1.04	0.00	0.04	7				
30 8 66	2110	70.		27.0	8.0	2.2	160	2	2.0	214	0.34	0.30	0.12	0.84	0.00	0.05	6	102	90	0.17	8.9

NO. SAMPLES	8	8	8	8	7	7	7	5	7	7	8	8	8	8	8	4	4	4	5
MAXIMUM	4600.	27.0	13.0	2.2	340	20	3.8	229	0.34	0.30	0.20	1.20	0.01	3.00	23	116	91	0.50	9.0
MINIMUM	44.	0.5	8.0	0.8	140	2	1.4	207	0.05	0.01	0.00	0.46	0.00	0.00	5	100	55	0.17	7.8
AVERAGE	886.	16.7	9.9	1.7	177	9	2.7	216	0.19	0.12	0.08	0.79	0.00	0.40	8	107	81	0.30	8.5
MEDIAN	295.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 0.7

LOCATION CODE: 17-0026-02-001

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- FOOTBRIDGE ABOVE HIGHWAY NO.2

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
25 4 66				0.00										
30 8 66	2110			0.10										

NO. SAMPLES

2

MAXIMUM

0.10

MINIMUM

0.00

AVERAGE

0.05

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 3.9

LOCATION CODE: 17-0026-02-002

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- CANNIFTON BRIDGE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28	7 66 1900	320.		26.0	12.0	1.5	152	3	3.3	215	0.23	0.06	0.23	0.71	0.01	0.04	5				
30	8 66 1925	200.		27.0	8.0	2.2	154	1	1.5	216	0.13	0.28	0.13	0.58	0.00	0.02	6	110	97	0.02	8.0

NO. SAMPLES	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
MAXIMUM	320.	27.0	12.0	2.2	154	3	3.3	216	0.23	0.28	0.23	0.71	0.01	0.04	6	110	97	0.02	8.0	
MINIMUM	200.	26.0	8.0	1.5	152	1	1.5	215	0.13	0.06	0.13	0.58	0.00	0.02	5	110	97	0.02	8.0	
AVERAGE	260.	26.5	10.0	1.8	153	2	2.4	215	0.18	0.17	0.18	0.64	0.00	0.03	5	110	97	0.02	8.0	
MEDIAN	260.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 3.9

LOCATION CODE: 17-0026-02-002

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- CANNIFTON BRIDGE

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
30 8 66	1925			0.04										

NO. SAMPLES

1

MAXIMUM  
MINIMUM  
AVERAGE0.04  
0.04  
0.04MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MW 27.2

LOCATION CODE: 17-0026-02-003

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- NEW ROAD, STOCO LAKE OUTLET

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28	7 66					2.6	148	2	2.6	208	0.16	0.08	0.36	1.10	0.00	0.04	5				
30	8 66	44.		25.0	11.5																

NO. SAMPLES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAXIMUM	44.	25.0	11.5	2.6	148	2	2.6	208	0.16	0.08	0.36	1.10	0.00	0.04	5						
MINIMUM	44.	25.0	11.5	2.6	148	2	2.6	208	0.16	0.08	0.36	1.10	0.00	0.04	5						
AVERAGE	44.	25.0	11.5	2.6	148	2	2.6	208	0.16	0.08	0.36	1.10	0.00	0.04	5						
MEDIAN	44.																				

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MW 27.2

LOCATION CODE: 17-0026-02-003

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- NEW ROAD, STOCO LAKE OUTLET

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
28 7 66				0.00										
30 8 66				0.10										

NO. SAMPLES

2

MAXIMUM

0.10

MINIMUM

0.00

AVERAGE

0.05

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- ME 29.7

LOCATION CODE: 17-0026-02-004

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- STOCO BRIDGE, TWP. OF HUNGERFORD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28	7	66				1.7	158	2	2.8	182	0.14	0.06	0.23	0.71	0.00	0.06					
30	8	66	1800	120.	25.5	9.0															

NO. SAMPLES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAXIMUM	120.	25.5	9.0	1.7	158	2	2.8	182	0.14	0.06	0.23	0.71	0.00	0.06	7	
MINIMUM	120.	25.5	9.0	1.7	158	2	2.8	182	0.14	0.06	0.23	0.71	0.00	0.06	7	
AVERAGE	120.	25.5	9.0	1.7	158	2	2.8	182	0.14	0.06	0.23	0.71	0.00	0.06	7	
MEDIAN	120.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MSL 31.0

LOCATION CODE: 17-0026-02-005

STREAM- STOCO LAKE

SAMPLE POINT DESCRIPTION- MUNICIPAL BEACH - A

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 7 66 1705	60.																			
30 8 66	80.																			

NO. SAMPLES	2
MAXIMUM	80.
MINIMUM	60.
AVERAGE	70.
MEDIAN	70.

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 31.2

LOCATION CODE: 17-0026-02-006

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- JAMESON STREET, VILLAGE OF TWEED

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		530.		11.0	9.0	1.6			2.5	170	0.14	0.10	0.05	1.00	0.00	0.00	5	96	72	0.12	7.8
10 3 66		40.		0.5	13.0	2.5	160	15	0.5	207	0.20	0.20	0.06	0.91	0.01	0.15	5	102	87	0.46	7.3
4 5 66		40.		9.0	12.0	2.1	138	15	1.7	154	0.04	0.04	0.05	0.40	0.01	0.08	5	80	64	0.30	8.1
16 6 66		490.		20.0	8.0	1.3	132	3						0.65		0.00					7.9
28 7 66	1915	240.		24.0	8.0	0.7	120	2			0.10	0.05	0.20	0.78		0.05	3				
30 8 66	1830	230.		23.5	8.0	1.4	62	2	2.9	92	0.10	0.04	0.05	0.58	0.00	0.02	2	44	34	0.25	8.1

NO. SAMPLES	6	6	6	6	5	5	4	4	5	5	5	6	4	6	5	4	4	4	5
MAXIMUM	530.	24.0	13.0	2.5	160	15	2.9	207	0.20	0.20	0.20	1.00	0.01	0.15	5	102	87	0.46	8.1
MINIMUM	40.	0.5	8.0	0.7	62	2	0.5	92	0.04	0.04	0.05	0.40	0.00	0.00	2	44	34	0.12	7.3
AVERAGE	262.	14.7	9.7	1.6	122	7	1.9	155	0.12	0.09	0.08	0.72	0.00	0.05	4	80	64	0.28	7.8
MEDIAN	235.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 31.2

LOCATION CODE: 17-0026-02-006

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- JAMESON STREET, VILLAGE OF TWEED

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
10 3 66				0.00										
30 8 66	1830			0.04										

NO. SAMPLES

2

MAXIMUM

0.04

MINIMUM

0.00

AVERAGE

0.02

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MSLC 32.0

LOCATION CODE: 17-0026-02-007

STREAM- CLAIR RIVER

SAMPLE POINT DESCRIPTION- FIRST RD., STOCO LAKE

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
30 8 66	1740			0.01										

NO. SAMPLES

1

MAXIMUM

0.01

MINIMUM

0.01

AVERAGE

0.01

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MS 32.8

LOCATION CODE: 17-0026-02-008

STREAM- SULPHIDE CREEK

SAMPLE POINT DESCRIPTION- ABOVE STOCO LAKE, HUNGERFORD

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28	7 66 1805	160.		21.5	5.0	2.6	194	2	3.8	240	0.01	0.02	0.56	1.50	0.01	0.09	12				
30	8 66 1730	400.		23.0	6.0	22.0	132	21	2.6	208	0.00	0.02	1.05	6.00	0.00	0.02	3	96	82	0.05	7.8

NO. SAMPLES	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
MAXIMUM	400.	23.0	6.0	22.0	194	21	3.8	240	0.01	0.02	1.05	6.00	0.01	0.09	12	96	82	0.05	7.8	
MINIMUM	160.	21.5	5.0	2.6	132	2	2.6	208	0.00	0.02	0.56	1.50	0.00	0.02	3	96	82	0.05	7.8	
AVERAGE	280.	22.3	5.5	12.3	163	11	3.2	224	0.00	0.02	0.80	3.75	0.00	0.05	7	96	82	0.05	7.8	
MEDIAN	280.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MS 32.8

LOCATION CODE: 17-0026-02-008

STREAM- SULPHIDE CREEK

SAMPLE POINT DESCRIPTION- ABOVE STOOD LAKE, HUNGERFORD

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
30 8 66	1730			0.02										

NO. SAMPLES

1

MAXIMUM

0.02

MINIMUM

0.02

AVERAGE

0.02

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MA 37.7

LOCATION CODE: 17-0026-02-009

STREAM- SKOOTAMOTTA R.

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO. 7

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28 7 66	1650	8000.		23.5	8.0	0.6	72	2			0.08	0.01	0.82	0.65		0.08					
30 8 66	1705	10000.		23.0	9.0	0.9	64	1	2.1	90	0.04	0.04	0.06	0.46	0.00	0.03	36	44	35	0.35	7.8

NO. SAMPLES	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	1
MAXIMUM	10000.	23.5	9.0	0.9	72	2	2.1	90	0.08	0.04	0.82	0.65	0.00	0.08	36	44	35	0.35	7.8	
MINIMUM	8000.	23.0	8.0	0.6	64	1	2.1	90	0.04	0.01	0.06	0.46	0.00	0.03	36	44	35	0.35	7.8	
AVERAGE	9000.	23.2	8.5	0.7	68	1	2.1	90	0.06	0.02	0.44	0.55	0.00	0.05	36	44	35	0.35	7.8	
MEDIAN	9000.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MA 37.7

LOCATION CODE: 17-0026-02-009

STREAM- SKOOTAMOTTA R.

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO. 7

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
30 8 66	1705			0.02										

NO. SAMPLES

1

MAXIMUM

0.02

MINIMUM

0.02

AVERAGE

0.02

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR



RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MB 39.0

LOCATION CODE: 17-0026-02-010

STREAM- BLACK RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO 7

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28	7 66 1640	210.		23.5	7.0	0.4	116	8			0.13	0.08	0.13	0.65		0.12	5				
30	8 66 1625	300.		22.5	9.0	1.4	68	3	4.5	79	0.00	0.04	0.03	0.71	0.00	0.04	8	38	27	0.05	8.1

NO. SAMPLES	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2	2	1	1	1	1
MAXIMUM	300.	23.5	9.0	1.4	116	8	4.5	79	0.13	0.08	0.13	0.71	0.00	0.12	8	38	27	0.05	8.1	
MINIMUM	210.	22.5	7.0	0.4	68	3	4.5	79	0.00	0.04	0.03	0.65	0.00	0.04	5	38	27	0.05	8.1	
AVERAGE	255.	23.0	8.0	0.9	92	5	4.5	79	0.06	0.06	0.08	0.68	0.00	0.08	6	38	27	0.05	8.1	
MEDIAN	255.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MB 39.0

LOCATION CODE: 17-0025-02-010

STREAM- BLACK RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO 7

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
30 8 66	1625			0.02										

NO. SAMPLES

1

MAXIMUM

0.02

MINIMUM

0.02

AVERAGE

0.02

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 44.4

LOCATION CODE: 17-0026-02-011

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- COUNTY BRIDGE, MADOC TOWNSHIP

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
15 11 65											0.28										7.8
28 7 66	1445	0.		23.0	7.0	3.0	248	4		296	0.32	0.26	0.36	1.00	0.01	0.04	7				
30 8 66	1500	160.		23.0	9.0	2.0	192	2	4.0	294	0.34	0.28	0.28	0.84	0.00	0.05	8	146	130	0.07	8.3

NO. SAMPLES	2	2	2	2	2	2	1	2	3	2	2	2	2	2	2	1	1	1	2
MAXIMUM	160.	23.0	9.0	3.0	248	4	4.0	296	0.34	0.28	0.36	1.00	0.01	0.05	8	146	130	0.07	8.3
MINIMUM	0.	23.0	7.0	2.0	192	2	4.0	294	0.28	0.26	0.28	0.84	0.00	0.04	7	146	130	0.07	7.8
AVERAGE	80.	23.0	8.0	2.5	220	3	4.0	295	0.31	0.27	0.32	0.92	0.00	0.04	7	146	130	0.07	8.0
MEDIAN	80.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 44.4

LOCATION CODE: 17-0026-02-011

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- COUNTY BRIDGE, MADOC TOWNSHIP

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
15 11 65		2.		0.20										
30 8 66	1500			0.18										

NO. SAMPLES	1	2
MAXIMUM	2.	0.20
MINIMUM	2.	0.18
AVERAGE	2.	0.19

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MD 46.5

LOCATION CODE: 17-0026-02-012

STREAM- DEER CREEK

SAMPLE POINT DESCRIPTION- 100 YDS. DOWNSTREAM OF MADOC STP

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
28	7 66 1500	530000.		19.0		41.0	514	14	13.5	847	18.80	18.60	10.70	23.50	0.01	0.02	53				
30	8 66 1530	97000.		21.0	3.0	4.2	382	7	2.5	623	5.40	5.00	3.94	4.80	0.00	0.02	7	252	228	0.13	7.7

NO. SAMPLES	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
MAXIMUM	530000.	21.0	3.0	41.0	514	14	13.5	847	18.80	18.60	10.70	23.50	0.01	0.02	53	252	228	0.13	7.7	
MINIMUM	97000.	19.0	3.0	4.2	382	7	2.5	623	5.40	5.00	3.94	4.80	0.00	0.02	7	252	228	0.13	7.7	
AVERAGE	313500.	20.0	3.0	22.6	448	10	8.0	735	12.10	11.80	7.32	14.15	0.00	0.02	30	252	228	0.13	7.7	
MEDIAN	313500.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MD 46.5

LOCATION CODE: 17-0026-02-012

STREAM- DEER CREEK

SAMPLE POINT DESCRIPTION- 100 YDS. DOWNSTREAM OF MADOC STP

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
30 8 66	1530			0.00										

NO. SAMPLES

1

MAXIMUM	0.00
MINIMUM	0.00
AVERAGE	0.00

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 57.6

LOCATION CODE: 17-0026-02-013

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO. 7

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		90.		10.5	11.0	1.2			1.5	282	0.66	0.44	0.00	0.71	0.00	0.00	7	144	119	0.05	8.1
15 11 65											0.16										7.7
16 6 66	1500	110.		20.0	9.0	1.5	172	3					0.06	0.58		0.00					8.5
28 7 66	1520	70.		23.0	5.0	1.5	224	6				1.40	0.26	1.04		0.10	7				
30 8 66	1555	30.		23.0	9.0	1.7	212	1	5.0	307	3.00	2.00	0.10	0.84	0.00	0.04	44	140	113	0.18	8.2

NO. SAMPLES	4	4	4	4	3	3	2	2	3	3	4	4	2	4	3	2	2	2	4
MAXIMUM	110.	23.0	11.0	1.7	224	6	5.0	307	3.00	2.00	0.26	1.04	0.00	0.10	44	144	119	0.18	8.5
MINIMUM	30.	10.5	5.0	1.2	172	1	1.5	282	0.16	0.44	0.00	0.58	0.00	0.00	7	140	113	0.05	7.7
AVERAGE	75.	19.1	8.5	1.5	202	3	3.2	294	1.27	1.28	0.10	0.79	0.00	0.03	19	142	116	0.11	8.1
MEDIAN	80.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- M 57.6

LOCATION CODE: 17-0026-02-013

STREAM- MOIRA RIVER

SAMPLE POINT DESCRIPTION- AT HIGHWAY NO. 7

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
21 10 65				0.25										
15 11 65		4.		0.00										
30 8 66	1555			2.50										

NO. SAMPLES	1	3
MAXIMUM	4.	2.50
MINIMUM	4.	0.00
AVERAGE	4.	0.92

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR



RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MW 26.8

LOCATION CODE: 17-0026-02-017

STREAM- W. CHANNEL

SAMPLE POINT DESCRIPTION- CHAPMAN'S BRIDGE

\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
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15 11 65

0.16

7.4

NO. SAMPLES

1

MAXIMUM  
MINIMUM  
AVERAGE  
MEDIAN

0.16  
0.16  
0.16

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- MOIRA RIVER

STREAM MILEAGE- MW 26.8

LOCATION CODE: 17-0026-02-017

STREAM- W. CHANNEL

SAMPLE POINT DESCRIPTION- CHAPMAN'S BRIDGE

\*\*\*

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
15 11 65		6.		0.00										

NO. SAMPLES

1

1

MAXIMUM

6.

0.00

MINIMUM

6.

0.00

AVERAGE

6.

0.00

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- SALMON RIVER

STREAM MILEAGE- SA 1.8

LOCATION CODE: 17-0031-02-001

STREAM- SALMON RIVER

SAMPLE POINT DESCRIPTION- SHANNONVILLE BRIDGE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 10 65		18.	159.0	11.0	12.0	1.2			1.5	280	0.04	0.04	0.13	0.52	0.00	0.00	7	196	144	0.13	8.2
9 3 66		4.	711.0	0.5	18.0	1.7	132	15	1.1	244	0.12	0.10	0.00	0.26	0.00	0.14	4	128	50	0.19	7.8
21 4 66		320.	490.0	10.2	10.0	1.8	136	15	4.0		0.10	0.00	0.00	1.10	0.01	0.00					
20 5 66		600.	224.0	15.5	10.0	1.6	142		7.0		0.08	0.01	0.05	0.71	0.00	0.00	11				
16 6 66		1030.	167.0	20.0	8.0	1.2	160	5					0.06	0.78		0.00					8.1
7 7 66		290.	47.0	27.0	9.0	2.4	230	6	4.0	226	0.14	0.04	0.03	0.33	0.00	2.00	7	100	101	0.49	8.5
5 8 66		4700.	10.4	24.0	10.5	0.6	182	2		250	0.06	0.00	0.23		0.00	0.00					
30 8 66		1120000.	4.5	25.0	9.0	3.4	216	15	4.5	269	0.12	0.02	0.03	1.20	0.00	0.03	12				

NO. SAMPLES	8	8	8	8	8	7	6	6	5	7	7	8	7	7	8	5	3	3	3	4
MAXIMUM	1120000.	711.0	27.0	18.0	3.4	230	15	7.0	280	0.14	0.10	0.23	1.20	0.01	2.00	12	196	144	0.49	8.5
MINIMUM	4.	4.5	0.5	8.0	0.6	132	2	1.1	226	0.04	0.00	0.00	0.26	0.00	0.00	4	100	50	0.13	7.8
AVERAGE	140870.	226.6	16.6	10.8	1.7	171	9	3.7	253	0.09	0.03	0.07	0.70	0.00	0.27	8	141	98	0.27	8.1
MEDIAN	460.																			
MAXIMUM KILOTONS/YEAR					12.61	1.19	92.	10.5		0.084	0.070	0.020	0.53	0.005	0.098	2.80	90.	35.	0.133	
MINIMUM KILOTONS/YEAR					0.04	0.01	1.	0.0		0.001	0.000	0.000	0.01	0.000	0.000	0.05	5.	5.	0.020	
AVERAGE KILOTONS/YEAR					2.93	0.37	33.	3.2		0.023	0.012	0.006	0.16	0.001	0.024	1.34	42.	21.	0.059	

RIVER BASIN- NAPANEE RIVER

STREAM MILEAGE- N 3.5

LOCATION CODE: 17-0035-02-001

STREAM- NAPANEE RIVER

SAMPLE POINT DESCRIPTION- DOWNSTREAM FROM NAPANEE

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 10 65	1100.	53.7	13.5	9.0	1.3		1	3.5	335	0.54	0.14	0.15	0.84	0.00	0.00	13	194	151	0.03	7.8
9 3 66	130.	979.0	0.5	10.0	2.2	160	15	1.4	200	0.26	0.07	0.00	0.46	0.00	0.40	4	100	84	0.37	7.9
21 4 66	14000.	380.0	12.2	10.0	2.0	146	15	9.0		0.18	0.05	0.06	0.84	0.01	0.00	6				
20 5 66	30000.	112.0	16.5	8.0	5.7	150		12.0			0.03	0.23	2.30	0.01		19				
16 6 66	11000.	74.0	20.0	7.0	2.8	188	5					0.30	1.06	0.00	0.00	22				7.9
7 7 66	820.	22.7	26.5	7.0	12.0	262	26	9.0	306	0.66	0.12	0.06	1.50	0.00	1.00	12	140	124	0.52	8.1
5 8 66	220.	17.2	24.5	9.0	2.4	206	10	9.5	304	0.38	0.01	0.22		0.00	0.00					
30 8 66	270.	16.5	24.0	9.0	5.6	218	15	7.5	297	0.48	0.10	0.10	2.30	0.00	0.03	14				

NO. SAMPLES	8	8	8	8	8	7	7	7	5	6	7	8	7	8	7	7	3	3	3	4
MAXIMUM	30000.	979.0	26.5	10.0	12.0	262	26	12.0	335	0.66	0.14	0.30	2.30	0.01	1.00	22	194	151	0.52	8.1
MINIMUM	130.	16.5	0.5	7.0	1.3	146	1	1.4	200	0.18	0.01	0.00	0.46	0.00	0.00	4	100	84	0.03	7.8
AVERAGE	7192.	206.9	17.2	8.6	4.2	190	12	7.4	288	0.42	0.07	0.14	1.33	0.00	0.20	12	144	119	0.31	7.9
MEDIAN	960.																			
MAXIMUM KILOTONS/YEAR				9.65	2.12	154.	14.5			0.251	0.068	0.025	0.44	0.004	0.386	3.86	96.	81.	0.357	
MINIMUM KILOTONS/YEAR				0.15	0.04	3.	0.1			0.006	0.000	0.000	0.03	0.000	0.000	0.23	3.	3.	0.002	
AVERAGE KILOTONS/YEAR				1.96	0.52	36.	3.1			0.063	0.014	0.011	0.17	0.001	0.058	1.57	37.	31.	0.123	

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 67.6

LOCATION CODE: 18-0000-02-001

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- 5500 FT. BELOW HAWKESBURY S.T.P.

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 4 66	910.		13.0	11.0	1.8	72	8	16.0	105	0.14	0.01	0.05	0.84	0.01	0.00	4	50	36	0.73	7.3
19 5 66	20000.		10.8	11.0	2.0	72	6	6.5	79	0.04	0.01	0.05	0.26	0.00	0.00	10				7.2
29 6 66	610.		23.5	9.0	2.2	90	15	3.5		0.16	0.16		0.26		0.06	7				6.9
5 8 66	44000.		21.0	4.0	2.0		4	7.5	85	0.26	0.08	0.46		0.01	0.00	21				7.1
8 9 66	690000.		21.0	5.0		70	15	4.0		0.68	0.26	0.36	0.84	0.00	0.05	10				6.8

NO. SAMPLES	5	5	5	4	4	5	5	3	5	5	4	4	4	5	5	1	1	1	5
MAXIMUM	690000.	23.5	11.0	2.2	90	15	16.0	105	0.68	0.26	0.46	0.84	0.01	0.06	21	50	36	0.73	7.3
MINIMUM	610.	10.8	4.0	1.8	70	4	3.5	79	0.04	0.01	0.05	0.26	0.00	0.00	4	50	36	0.73	6.8
AVERAGE	151104.	17.9	8.0	2.0	76	9	7.5	89	0.26	0.10	0.23	0.55	0.00	0.02	10	50	36	0.73	7.1
MEDIAN	20000.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 67.8

LOCATION CODE: 18-0000-02-002

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- ABOVE HAWKESBURY SEWER S.T.P.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 4 66		540.		12.3	11.0	2.0	132	26	11.0		0.14	0.03	0.05	0.00	0.00	0.00	5	50	40	0.80	7.3
19 5 66		250000.		11.5	9.5	41.0	126	19	12.5	238	1.48	0.42	0.72	5.90	0.00	0.00	17				6.9
29 6 66		1350.		24.0	9.0	3.9	104	15	2.9		0.22	0.18		0.65		0.06	8				6.9
5 8 66		24000.		21.0	7.0	1.7		8		81	0.26	0.04			0.00	0.00					7.0
8 9 66		11900.		22.0	6.0		84	15	3.5		0.18	0.00	0.23	0.78	0.00	0.04	5				6.8

NO. SAMPLES	5	5	5	4	4	5	4	2	5	5	3	4	4	5	4	1	1	1	5
MAXIMUM	250000.	24.0	11.0	41.0	132	26	12.5	238	1.48	0.42	0.72	5.90	0.00	0.06	17	50	40	0.80	7.3
MINIMUM	540.	11.5	6.0	1.7	84	8	2.9	81	0.14	0.00	0.05	0.00	0.00	0.00	5	50	40	0.80	6.8
AVERAGE	57558.	18.2	8.5	12.1	111	16	7.5	159	0.46	0.13	0.33	1.83	0.00	0.02	8	50	40	0.80	7.0
MEDIAN	11900.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-003

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY A

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 4 66		710.		12.5	12.0	1.8	108	5	11.0	107	0.12	0.03	0.05	0.58	0.00	0.00	3	50	36	0.70	7.1
19 5 66		250000.		11.5	10.0	3.8	80	10	9.0		0.08	0.01	0.06	0.46	0.00	0.00	11				
29 6 66		17000.		22.0	7.0	6.6	100	58	6.5	101	0.24	0.12	0.23	0.52	0.00	0.06	8				
5 8 66		188.		22.0	5.5	3.4		9		77	0.26	0.06	0.26		0.00	0.00	18				7.1
8 9 66		84000.		21.0	4.5		70	15	4.0		0.08	0.01	0.20	0.40	0.00	0.05					6.8

NO. SAMPLES	5	5	5	4	4	5	4	3	5	5	5	4	5	5	4	1	1	1	3
MAXIMUM	250000.	22.0	12.0	6.6	108	58	11.0	107	0.26	0.12	0.26	0.58	0.00	0.06	18	50	36	0.70	7.1
MINIMUM	188.	11.5	4.5	1.8	70	5	4.0	77	0.08	0.01	0.05	0.40	0.00	0.00	3	50	36	0.70	6.8
AVERAGE	70380.	17.8	7.8	3.9	89	19	7.6	95	0.16	0.05	0.16	0.49	0.00	0.02	10	50	36	0.70	7.0
MEDIAN	17000.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-003

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY A

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
21 4 66		2.									10.			
5 8 66		8.												
8 9 66		8.									13.			

NO. SAMPLES	3	
MAXIMUM	8.	
MINIMUM	2.	13.
AVERAGE	6.	10.

2
13.
10.
11.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR



RIVER BASIN-- OTTAWA RIVER

STREAM MILEAGE-- 0 68.0

LOCATION CODE: 18-0000-02-004

STREAM-- OTTAWA RIVER

SAMPLE POINT DESCRIPTION-- PERLEY BRIDGE HAWKESBURY B

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21	4 66	830.		13.0	12.0	2.2	76	3	8.0	101	0.10	0.05	0.00	0.84	0.01	0.00	3	50	35	0.70	7.3
19	5 66	16000.		10.5	10.0	2.5	98	15	10.5		0.12	0.00	0.06	0.40	0.00	0.00	11				
29	6 66	3000.		23.0	7.0	2.0	78	32	9.0		0.16	0.06	0.16	0.26	0.00	0.05	4				
5	8 66	8300.		21.5	5.0	2.8		21			0.20	0.06				0.00					
8	9 66	52000.		21.0	4.5		54		3.5		0.14	0.14	0.20	0.40	0.00	0.05	6				6.8

NO. SAMPLES	5	5	5	4	4	4	4	4	1	5	5	4	4	4	5	4	1	1	1	2
MAXIMUM	52000.	23.0	12.0	2.8	98	32	10.5	101	0.20	0.14	0.20	0.84	0.01	0.05	11	50	35	0.70	7.3	
MINIMUM	830.	10.5	4.5	2.0	54	3	3.5	101	0.10	0.00	0.00	0.26	0.00	0.00	3	50	35	0.70	6.8	
AVERAGE	16026.	17.8	7.7	2.4	76	17	7.7	101	0.14	0.06	0.10	0.47	0.00	0.02	6	50	35	0.70	7.0	
MEDIAN	8300.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-004

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY B

DATE SAMPLED D M Y	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
21 4 66	2.									12.			
8 9 66	8.									13.			

NO. SAMPLES 2

2

MAXIMUM	8.
MINIMUM	2.
AVERAGE	5.

13.
12.
12.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-005

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY C

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 4 66		710.		12.2	11.0	2.2	88	5	13.0	108	0.11	0.05	0.08	0.84	0.01	0.00	3	50	32	0.60	7.3
19 5 66		14000.		10.3	15.0	2.4	68		8.5		0.02	0.00	0.08	0.33	0.00	0.00	11				
29 6 66		21000.		23.6	8.5	2.7	66	15	74.7	6	0.14	0.12	0.10	0.26	0.00	0.06	5				
5 8 66		3800.		22.0	5.0	5.4		7		78	0.20	0.01	0.72		0.00	0.01	23				6.8
8 9 66		140.		21.0	4.0		46	15	3.5		0.08	0.08	0.30	0.33	0.00	0.05					6.9

NO. SAMPLES	5	5	5	4	4	4	4	3	5	5	5	4	5	5	4	1	1	1	3
MAXIMUM	21000.	23.6	15.0	5.4	88	15	74.7	108	0.20	0.12	0.72	0.84	0.01	0.06	23	50	32	0.60	7.3
MINIMUM	140.	10.3	4.0	2.2	46	5	3.5	6	0.02	0.00	0.08	0.26	0.00	0.00	3	50	32	0.60	6.8
AVERAGE	7930.	17.8	8.7	3.2	67	10	24.9	64	0.11	0.05	0.26	0.44	0.00	0.02	10	50	32	0.60	7.0
MEDIAN	3800.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-005

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY C

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
21	4	66	2.								13.			
5	8	66	10.											
8	9	66	4.								13.			

NO. SAMPLES

3

2

MAXIMUM

10.

MINIMUM

2.

13.

AVERAGE

5.

13.

13.

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-006

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY D

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 4 66		1150.		12.8	12.0	1.6	70	12	8.0	90	0.08	0.01	0.05	1.00	0.00	0.00	2	40	29	0.66	7.4
19 5 66		13000.		10.5	11.0	1.8	60	9	7.5		0.01	0.00	0.00	0.33	0.00	0.00	10				
29 6 66		1280.		23.0	8.0				2.6												
5 8 66		1500.		22.0	5.5	0.7	68	5		69	0.18	0.06	0.20			0.00				7.1	
8 9 66		270.		21.0	4.0			15	3.3		0.06	0.06		0.33	0.00	0.05				6.9	

NO. SAMPLES	5	5	5	3	3	4	4	2	4	4	3	3	3	4	2	1	1	1	3
MAXIMUM	13000.	23.0	12.0	1.8	70	15	8.0	90	0.18	0.06	0.20	1.00	0.00	0.05	10	40	29	0.66	7.4
MINIMUM	270.	10.5	4.0	0.7	60	5	2.6	69	0.01	0.00	0.00	0.33	0.00	0.00	2	40	29	0.66	6.9
AVERAGE	3440.	17.9	8.1	1.4	66	10	5.3	79	0.08	0.03	0.08	0.55	0.00	0.01	6	40	29	0.66	7.1
MEDIAN	1280.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-006

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY D

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
21 4 66		0.									11.			
5 8 66		6.												
8 9 66		10.									13.			

NO. SAMPLES	3	
MAXIMUM	10.	
MINIMUM	0.	13.
AVERAGE	5.	11.

2
13.
11.
12.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.0

LOCATION CODE: 18-0000-02-007

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- PERLEY BRIDGE HAWKESBURY E

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 4 66		980.		12.5	12.0	2.4	50	5	9.0	81	0.08	0.01	0.05	0.58	0.01	0.00	1	40	25	0.71	7.4
19 5 66		6000.		11.3	10.0	1.6	66		10.0		0.01	0.01	0.00	0.40	0.00	0.00	9				
29 6 66		1010.		23.2	7.0	1.3	64	15	3.3				0.26	0.65	0.00	0.05	6				
5 8 66		4700.		22.0	5.0	0.6		6		3	0.13	0.04				0.00					6.9
8 9 66		470.		21.0	4.0			15	2.9		0.08	0.08	0.26	0.33	0.00	0.45					7.1

NO. SAMPLES	5	5	5	4	3	4	4	2	4	4	4	4	4	5	3	1	1	1	3
MAXIMUM	6000.	23.2	12.0	2.4	66	15	10.0	81	0.13	0.08	0.26	0.65	0.01	0.45	9	40	25	0.71	7.4
MINIMUM	470.	11.3	4.0	0.6	50	5	2.9	3	0.01	0.01	0.00	0.33	0.00	0.00	1	40	25	0.71	6.9
AVERAGE	2632.	18.0	7.6	1.5	60	10	6.3	42	0.07	0.03	0.14	0.49	0.00	0.10	5	40	25	0.71	7.1
MEDIAN	1010.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- D 68.1

LOCATION CODE: 18-0000-02-008

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- BETWEEN HAMILTON ISLAND-PERLEY

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 4 66		690.		12.5	12.0	2.0	78	5	14.0	98	0.12	0.01	0.06	0.84	0.01	0.00	4	50	33	0.65	7.3
19 5 66		5000.		11.0	11.0	2.1	68	8	9.5	78	0.02	0.01	0.05	0.39	0.01	0.00	11				7.4
29 6 66		52000.		33.0	9.0	14.0	116	15	13.0		0.16	0.03		1.80		0.08	4				6.4
5 8 66		58000.				2.8		7		69	0.20	0.01	0.33	0.78	0.01	0.00					6.7
8 9 66		590000.			21.0		138	20	8.0		0.00	0.00	1.15	2.50	0.00	0.05					6.0

NO. SAMPLES	5	3	4	4	4	5	4	3	5	5	4	5	4	5	3	1	1	1	5
MAXIMUM	590000.	33.0	21.0	14.0	138	20	14.0	98	0.20	0.03	1.15	2.50	0.01	0.08	11	50	33	0.65	7.4
MINIMUM	690.	11.0	9.0	2.0	68	5	8.0	69	0.00	0.00	0.05	0.39	0.00	0.00	4	50	33	0.65	6.0
AVERAGE	141138.	18.8	13.2	5.2	100	11	11.1	81	0.10	0.01	0.40	1.26	0.01	0.03	6	50	33	0.65	6.8
MEDIAN	52000.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR



RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.1

LOCATION CODE: 18-0000-02-008

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- BETWEEN HAMILTON ISLAND-PERLEY

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
20 4 66		2.									12.			
19 5 66		4.									10.			
29 6 66		15.												
5 8 66		10.												
8 9 66		5.									22.			

NO. SAMPLES	5	
MAXIMUM	15.	
MINIMUM	2.	
AVERAGE	7.	

3
22.
10.
15.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.6

LOCATION CODE: 18-0000-02-010

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CAN.INT.PAPER SUBMERGED OUTFALL

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 4 66		580.		12.5	11.0	1.8	94	12	14.0	116	0.14	0.03	0.00	0.84	0.00	0.00	3	50	36	0.81	7.3
19 5 66		5000.		12.0		1.5	60	7	6.0	74	0.10	0.04	0.05	0.20	0.01	0.00	10				7.4
29 6 66		9000.		24.0	8.5	2.9	92	15	4.0		0.08	0.03	0.10	0.60	0.00	0.05	5				6.8
5 8 66		130.		21.5	5.0	0.7	60	4		69	0.16	0.04			0.00	0.00					7.0
8 9 66		90000.		21.0	4.0		62	15	3.6		0.14	0.01	0.23	0.40	0.00	0.03	8				7.0

NO.SAMPLES	5	5	4	4	5	5	4	3	5	5	4	4	5	5	4	1	1	1	5
MAXIMUM	90000.	24.0	11.0	2.9	94	15	14.0	116	0.16	0.04	0.23	0.84	0.01	0.05	10	50	36	0.81	7.4
MINIMUM	130.	12.0	4.0	0.7	60	4	3.6	69	0.08	0.01	0.00	0.20	0.00	0.00	3	50	36	0.81	6.8
AVERAGE	20942.	18.2	7.1	1.7	73	10	6.9	86	0.12	0.03	0.09	0.51	0.00	0.02	6	50	36	0.81	7.1
MEDIAN	5000.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.6

LOCATION CODE: 18-0000-02-010

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CAN. INT. PAPER SUBMERGED OUTFALL

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
20 4 66		2.									11.			
19 5 66		4.									11.			
29 6 66		2.												
5 8 66		8.												
8 9 66		8.									13.			

NO. SAMPLES 5

3

MAXIMUM	8.
MINIMUM	2.
AVERAGE	5.

13.
11.
12.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER      STREAM MILEAGE- 0      69.0      LOCATION CODE: 18-0000-02-011

STREAM- OTTAWA RIVER      SAMPLE POINT DESCRIPTION- BELOW CAN.IN.PAP.UPPER LAGOON A

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20	4	66		14.0	0.0	240.0	600	114	60.0	382	1.00	0.15		8.30	0.06	0.00	20	170	142	17.50	6.0
5	8	66	26000.	25.5	0.0	740.0	3004	61	600.0	1152	2.80	0.80	70.10	*****	0.00	0.02	82				4.8
8	9	66	1000.	23.0	0.0	920.0		68	65.0		3.00	1.60		37.00	0.00		82				4.5

NO.SAMPLES	2	3	3	3	2	3	3	2	3	3	1	3	3	2	3	1	1	1	3
MAXIMUM	26000.	25.5	0.0	920.0	3004	114	600.0	1152	3.00	1.60	70.10	*****	0.06	0.02	82	170	142	17.50	6.0
MINIMUM	1000.	14.0	0.0	240.0	600	61	60.0	382	1.00	0.15	70.10	8.30	0.00	0.00	20	170	142	17.50	4.5
AVERAGE	13500.	20.8	0.0	633.3	1802	81	241.7	767	2.27	0.85	70.10	48.43	0.02	0.01	61	170	142	17.50	5.1
MEDIAN	13500.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 69.0

LOCATION CODE: 18-0000-02-011

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- BELOW CAN. IN. PAP. UPPER LAGOON A

DATE SAMPLED D M Y	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
20 4 66	200.									26.			
5 8 66	0.									467.			
8 9 66	0.									330.			

NO. SAMPLES	3	
MAXIMUM	200.	
MINIMUM	0.	467.
AVERAGE	67.	26.

3
467.
26.
274.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 69.0

LOCATION CODE: 18-0000-02-012

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- MIDWAY HAM. ISL. &amp; CIP PUMPHOUSE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 4 66		840.		12.5	12.0	1.4	110	17	21.0	98	0.22	0.01	0.05	0.58	0.00	0.00	3	50	33	1.29	7.4
19 5 66		16000.		10.0		0.8	72	5	4.0	70	0.08	0.01	0.33	0.33	0.00	0.00	10				7.6
21 6 66		230.		23.5	4.9	0.9	80	15	2.3		0.08	0.04		0.20		0.06	7				
8 9 66		520.		21.0	4.5		68	15	5.0		0.12	0.04	0.20	0.33	0.01	0.05					7.0

NO. SAMPLES	4	4	3	3	4	4	4	2	4	4	3	4	3	4	3	1	1	1	3
MAXIMUM	16000.	23.5	12.0	1.4	110	17	21.0	98	0.22	0.04	0.33	0.58	0.01	0.06	10	50	33	1.29	7.6
MINIMUM	230.	10.0	4.5	0.8	68	5	2.3	70	0.08	0.01	0.05	0.20	0.00	0.00	3	50	33	1.29	7.0
AVERAGE	4397.	16.7	7.1	1.0	82	13	8.1	84	0.12	0.02	0.19	0.36	0.00	0.03	6	50	33	1.29	7.3
MEDIAN	680.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 69.0

LOCATION CODE: 18-0000-02-012

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- MIDWAY HAM. ISL. &amp; CIP PUMPHOUSE

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
20 4 66		2.									10.			
19 5 66		2.									11.			
8 9 66		4.									18.			

NO. SAMPLES	3	
MAXIMUM	4.	18.
MINIMUM	2.	10.
AVERAGE	3.	13.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-013

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER. PRO. BRIDGE IN OTTAWA A\*\*\*

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 4 66	650.		12.5	14.0	1.8	90	15	6.5		0.12	0.03	0.00	0.65	0.00	0.00					
18 5 66	250000.		9.0	11.0	1.7	82	12			0.04	0.02	0.05		0.01	0.00	5				
27 6 66	15000.		28.0	9.0	3.0	76	15	2.5	77	0.06	0.06	0.16	0.40	0.00	0.00	6				
5 8 66	270.		23.0	8.0	4.8	88	2		85	0.04	0.01	0.22	0.33	0.00	0.01	8				
6 9 66	127000.		20.0	6.0	3.2	126	6	2.6		0.10	0.01	0.06	0.40	0.00	0.04	3				

NO. SAMPLES	5	5	5	5	5	5	3	2	5	5	5	4	5	5	4
MAXIMUM	250000.	28.0	14.0	4.8	126	15	6.5	85	0.12	0.06	0.22	0.65	0.01	0.04	8
MINIMUM	270.	9.0	6.0	1.7	76	2	2.5	77	0.04	0.01	0.00	0.33	0.00	0.00	3
AVERAGE	78584.	18.5	9.6	2.9	92	10	3.9	81	0.07	0.03	0.10	0.44	0.00	0.01	5
MEDIAN	15000.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-013

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER. PRO. BRIDGE IN OTTAWA A\*\*\*

DATE SAMPLED D M Y	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
18 4 66	0.												

NO. SAMPLES 1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-014

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER.PRO.BRIDGE IN OTTAWA B\*\*\*

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 4 66	14000.		12.3	14.0	3.2	100	15	6.0		0.10	0.00	0.00	0.07	0.01	0.00					
18 5 66	250000.		9.0	11.5	1.3	84				0.04	0.03	0.16	0.20	0.01	0.00	4				
27 6 66	16000.		27.5	9.5	2.2	82	16	2.0		0.04	0.01	0.10	0.84	0.00	0.00	16				
5 8 66	49000.		22.5	7.0	3.6	92	5		76	0.04	0.01	0.16	0.26	0.01	0.02	8				
6 9 66	70000.		20.0	7.0	1.9	78	13	2.9		0.04	0.00		0.40	0.00	0.05	4				

NO.SAMPLES	5	5	5	5	5	4	3	1	5	5	4	5	5	5	4
MAXIMUM	250000.	27.5	14.0	3.6	100	16	6.0	76	0.10	0.03	0.16	0.84	0.01	0.05	16
MINIMUM	14000.	9.0	7.0	1.3	78	5	2.0	76	0.04	0.00	0.00	0.07	0.00	0.00	4
AVERAGE	79800.	18.3	9.8	2.4	87	12	3.6	76	0.05	0.01	0.10	0.35	0.01	0.01	8
MEDIAN	49000.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-015

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER. PRO. BRIDGE IN OTTAWA C\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 4 66		290.		12.0	13.0	1.9		15	7.5		0.18	0.01	0.00	0.07	0.01	0.00					
18 5 66		15000.		9.0	12.0	2.0	44	9			0.01	0.01	0.08	0.13	0.01	0.00	11				
27 6 66		620.		27.5	9.0	1.7	72		2.3		0.22	0.10	0.71	0.00	0.00						
5 8 66		30.		22.0	7.5	4.4	66	5	9.0	77	0.04	0.01	0.22	0.40	0.00	0.03					
6 9 66		70000.		20.0	7.0	1.5	100	4	1.8		0.06	0.01	0.06	0.33	0.00	0.05					

NO. SAMPLES	5	5	5	5	4	4	4	1	4	5	5	5	5	5	5	1
MAXIMUM	70000.	27.5	13.0	4.4	100	15	9.0	77	0.18	0.22	0.22	0.71	0.01	0.05	11	
MINIMUM	30.	9.0	7.0	1.5	44	4	1.8	77	0.01	0.01	0.00	0.07	0.00	0.00	11	
AVERAGE	17188.	18.1	9.7	2.3	70	8	5.1	77	0.07	0.05	0.09	0.33	0.00	0.02	11	
MEDIAN	620.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-015

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER. PRO. BRIDGE IN OTTAWA C\*\*\*

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
18 4 66		6.												

NO. SAMPLES 1

MAXIMUM	6.
MINIMUM	6.
AVERAGE	6.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-016

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER. PRO. BRIDGE IN OTTAWA D\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		290.		12.3	12.0	1.2	68	15	4.0		0.15	0.10	0.00	0.46	0.00	0.00					
18 5 66		720.		8.7	13.0	1.1	60	11			0.01	0.01	0.12	0.52	0.01	0.00	9				
27 6 66		520.		28.0	9.0	1.6	78	16	2.7		0.01	0.01	0.10	0.40	0.00	0.00	6				
6 8 66		416.		22.0	7.5	0.8	68	15	0.1		0.04	0.28	0.46	0.00	0.05						
6 9 66		89000.		19.0	8.0	1.8	60	11	2.6		0.04	0.01		0.33	0.00	0.05					

NO. SAMPLES	5	5	5	5	5	5	4	5	5	4	5	5	4	2
MAXIMUM	89000.	28.0	13.0	1.8	78	16	4.0	0.15	0.28	0.46	0.52	0.05	0.05	9
MINIMUM	290.	8.7	7.5	0.8	60	11	0.1	0.01	0.01	0.00	0.00	0.00	0.00	6
AVERAGE	18189.	18.0	9.9	1.3	66	13	2.3	0.05	0.08	0.17	0.34	0.01	0.01	7
MEDIAN	520.													

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-016

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER. PRO. BRIDGE IN OTTAWA D\*\*\*

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
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19	4	66	0.											
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NO. SAMPLES	1
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MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR

MINIMUM KTONS/YR

AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 129.0

LOCATION CODE: 18-0000-02-017

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- INTER. PRO. BRIDGE IN OTTAWA E\*\*\*

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		200.		12.3	15.0	2.0	78	16	6.5		0.06	0.03	0.00	0.65	0.00	0.00					
18 5 66		980.		9.0	13.0	1.1	54	274				0.06	0.13	0.15	0.01	0.00	9				
27 6 66		4.		27.0	9.0	2.6	104	2	4.0		0.04	0.01	0.10	0.91	0.00	0.00	7				
5 8 66		810.		22.0	8.0	1.1	78	1		70	0.04	0.00	0.10	0.40	0.00	0.00					
6 9 66		12000.		19.0	7.0	0.5	82	4	1.3		0.04	0.01		0.33	0.00	0.05	10				

NO. SAMPLES	5	5	5	5	5	5	3	1	4	5	4	5	5	5	3
MAXIMUM	12000.	27.0	15.0	2.6	104	274	6.5	70	0.06	0.06	0.13	0.91	0.01	0.05	10
MINIMUM	4.	9.0	7.0	0.5	54	1	1.3	70	0.04	0.00	0.00	0.15	0.00	0.00	7
AVERAGE	2799.	17.9	10.4	1.5	79	59	3.9	70	0.04	0.02	0.08	0.49	0.00	0.01	8
MEDIAN	810.														

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-018

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA A

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SQL PPM	SUSP SQL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SQL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		240.		11.8	14.0	1.7	88	15	3.5	90	0.62	0.11	0.00	0.65	0.00	0.00	3	40	29	0.59	8.9
18 5 66		340.		10.2	12.0	0.5	56	8			0.41	0.18	0.20	0.60	0.01	0.00	5				
27 6 66		900.		28.0	9.0	1.3	66		2.6		0.08	0.05	0.10	1.04	0.00	0.00		30	68		6.9
5 8 66		170.		22.0	7.0	0.4	52	1		70	0.02	0.00				0.00		28	22	0.42	7.2
6 9 66		1080000.		21.0	6.0	1.9	96	8	1.7		0.02	0.00	0.20	0.52	0.02	0.05					

NO. SAMPLES	5	5	5	5	5	4	3	2	5	5	4	4	4	5	2	3	3	2	3
MAXIMUM	1080000.	28.0	14.0	1.9	96	15	3.5	90	0.62	0.18	0.20	1.04	0.02	0.05	5	40	68	0.59	8.9
MINIMUM	170.	10.2	6.0	0.4	52	1	1.7	70	0.02	0.00	0.00	0.52	0.00	0.00	3	28	22	0.42	6.9
AVERAGE	216330.	18.6	9.6	1.2	71	8	2.6	80	0.23	0.07	0.12	0.70	0.01	0.01	4	32	39	0.50	7.7
MEDIAN	340.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-018

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA A

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		4.												
5 8 66		4.												

NO. SAMPLES	2
MAXIMUM	4.
MINIMUM	4.
AVERAGE	4.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-019

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA B

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLB RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		80.		11.7	14.0	1.6	90	15	3.6	88	0.12	0.01	0.00	1.30	0.00	0.00	3	40	26	0.51	7.8
18 5 66		630.		9.4	12.0	0.5	46	7			0.02	0.02	0.10	0.23	0.01	0.00	6				
27 6 66		336.		28.0	8.0	1.0	64		2.3		0.04	0.03	0.10	0.33	0.00	0.00		30			6.9
5 8 66		690.		22.0	7.5	0.3	56	3		71	0.04	0.01				0.00		28	20	0.54	7.3
6 9 66		96000.		21.0	7.0	1.7	108	14	2.0		0.04	0.00		0.71	0.02	0.05	4				

NO. SAMPLES	5	5	5	5	5	4	3	2	5	5	3	4	4	5	3	3	2	2	3
MAXIMUM	96000.	28.0	14.0	1.7	108	15	3.6	88	0.12	0.03	0.10	1.30	0.02	0.05	6	40	26	0.54	7.8
MINIMUM	80.	9.4	7.0	0.3	46	3	2.0	71	0.02	0.00	0.00	0.23	0.00	0.00	3	28	20	0.51	6.9
AVERAGE	19547.	18.4	9.7	1.0	72	9	2.6	79	0.05	0.01	0.07	0.64	0.01	0.01	4	32	23	0.52	7.3
MEDIAN	630.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-019

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA B

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		4.												
5 8 66		8.												

NO. SAMPLES	2
MAXIMUM	8.
MINIMUM	4.
AVERAGE	6.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-020

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA C

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		152.		13.0	13.0	1.6	82	15	4.0	86	0.02	0.01	0.23	1.00	0.00	0.00	3	40	29	0.48	7.6
18 5 66				9.5	12.0	0.7	52	9			0.00	0.00	0.10	1.00	0.01	0.00	4				
27 6 66		1500.		27.5	8.5	1.2	72		1.7		0.04	0.04	0.10	0.33	0.00	0.00					6.8
5 8 66		330.		22.0	8.0	0.5	58	2		71	0.04	0.01				0.02	17	30	22	0.57	7.3
6 9 66		60000.		22.0	7.0	1.3	70	6	1.1		0.04	0.01	0.05	0.40	0.00						

NO. SAMPLES	4	5	5	5	5	4	3	2	5	5	4	4	4	4	3	2	2	2	3
MAXIMUM	60000.	27.5	13.0	1.6	82	15	4.0	86	0.04	0.04	0.23	1.00	0.01	0.02	17	40	29	0.57	7.6
MINIMUM	152.	9.5	7.0	0.5	52	2	1.1	71	0.00	0.00	0.05	0.33	0.00	0.00	3	30	22	0.48	6.8
AVERAGE	15495.	18.8	9.7	1.1	66	8	2.3	78	0.03	0.01	0.12	0.68	0.00	0.00	8	35	25	0.52	7.2
MEDIAN	915.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-020

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA C

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		4.												
5 8 66		4.												

NO. SAMPLES	2
MAXIMUM	4.
MINIMUM	4.
AVERAGE	4.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-021

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA D

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66	68.		12.7	13.0	1.3	84	15	3.8	92	0.12	0.03	0.00	0.65	0.00	0.00	2	40	28	0.42	7.5
18 5 66	400.		9.0	11.0	0.2	52	22			0.02	0.01	0.13		0.01	0.00					
27 6 66	372.		27.5	8.5	1.2			2.5		0.02	0.01	0.15	0.33	0.00	0.00					7.2
5 8 66	520.		22.0	8.0	0.3	46	2		71	0.06	0.01				0.02	17	30	20	0.59	7.3
6 9 66	36000.		22.0	7.5	0.7	72	5	1.7		0.04	0.00		0.52	0.00	0.05	15				

NO. SAMPLES	5	5	5	5	4	4	3	2	5	5	3	3	4	5	3	2	2	2	3
MAXIMUM	36000.	27.5	13.0	1.3	84	22	3.8	92	0.12	0.03	0.15	0.65	0.01	0.05	17	40	28	0.59	7.5
MINIMUM	68.	9.0	7.5	0.2	46	2	1.7	71	0.02	0.00	0.00	0.33	0.00	0.00	2	30	20	0.42	7.2
AVERAGE	7472.	18.6	9.6	0.7	63	11	2.7	81	0.05	0.01	0.09	0.50	0.00	0.01	11	35	24	0.50	7.3
MEDIAN	400.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 132.6

LOCATION CODE: 18-0000-02-022

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHAMPLAIN BRIDGE IN OTTAWA E

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		44.		12.8	13.0	2.3	80	15	3.8	86	0.22	0.16	0.10	0.52	0.00	0.00	3	38	29	0.40	7.5
18 5 66		220.		9.7	11.0	1.3	92	13			0.04	0.01	0.05	0.33	0.01	0.00	7				
27 6 66		340.		28.5	7.5	1.4	70	15	3.0		0.06	0.01	0.12	0.40	0.00	0.00					7.1
5 8 66		9000.		22.0	9.5	0.7	66	2		71	0.04	0.02				0.00	4	30	22	0.43	7.3
6 9 66		16000.		21.0	8.0	1.1	90	5	1.8		0.02	0.00		0.40	0.00	0.10	10				

NO. SAMPLES	5	5	5	5	5	5	3	2	5	5	3	4	4	5	4	2	2	2	3
MAXIMUM	16000.	28.5	13.0	2.3	92	15	3.8	86	0.22	0.16	0.12	0.52	0.01	0.10	10	38	29	0.43	7.5
MINIMUM	44.	9.7	7.5	0.7	66	2	1.8	71	0.02	0.00	0.05	0.33	0.00	0.00	3	30	22	0.40	7.1
AVERAGE	5121.	18.8	9.8	1.4	79	10	2.9	78	0.08	0.04	0.09	0.41	0.00	0.02	6	34	25	0.41	7.3
MEDIAN	340.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 163.6

LOCATION CODE: 18-0000-02-023

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHATS FALLS D

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		310.		11.0	12.0	1.7	94	15	2.8	101	0.20	0.20	0.00	0.54	0.01	0.00	3	56	42	0.35	7.6
18 5 66		368.		10.1	12.0	1.2	62	9			0.01	0.01	0.05	0.20	0.01	0.00	5				
28 6 66		580.		24.0	8.0	0.9	74	15	2.5	74	0.04	0.04	0.06	0.33	0.00	0.00	6				
5 8 66		40.		22.0	8.0	0.4	62	3	2.9	70	0.04	0.01	0.10	0.40	0.00	0.00	4	30	22	0.49	7.4
6 9 66		17000.		20.5	6.0	0.5	70	3	1.7	79	0.01	0.00	0.08	0.20	0.00	0.04	2				

NO. SAMPLES	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	2	2	2	2
MAXIMUM	17000.	24.0	12.0	1.7	94	15	2.9	101	0.20	0.20	0.10	0.54	0.01	0.04	6	56	42	0.49	7.6	
MINIMUM	40.	10.1	6.0	0.4	62	3	1.7	70	0.01	0.00	0.00	0.20	0.00	0.00	2	30	22	0.35	7.4	
AVERAGE	3660.	17.5	9.2	0.9	72	9	2.5	81	0.06	0.05	0.06	0.33	0.00	0.01	4	43	32	0.42	7.5	
MEDIAN	368.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 163.6

LOCATION CODE: 18-0000-02-024

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHATS FALLS C

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66	300.		11.1	12.0	1.4	82	15	2.6		0.02	0.00	0.00	0.52	0.00	0.00	2	36	25	0.43	7.5
18 5 66	132.		10.5	12.0	0.6	36				0.04	0.04	0.06	0.13	0.01	0.00	3				
28 6 66	260.		22.0	7.5	1.1	92	15	2.9	57	0.02	0.01	0.06	0.33	0.00	0.00	5				
5 8 66	70.		22.5	7.0	0.6	66	5	2.9	68	0.04	0.01	0.13	0.40	0.00	0.01	4	26	20	0.42	6.7
6 9 66	6000.		20.5	5.0	0.6	64	3	1.7	71	0.04	0.01	0.13	0.26	0.00	0.04	3				

NO. SAMPLES	5	5	5	5	5	4	4	3	5	5	5	5	5	5	5	2	2	2	2
MAXIMUM	6000.	22.5	12.0	1.4	92	15	2.9	71	0.04	0.04	0.13	0.52	0.01	0.04	5	36	25	0.43	7.5
MINIMUM	70.	10.5	5.0	0.6	36	3	1.7	57	0.02	0.00	0.00	0.13	0.00	0.00	2	26	20	0.42	6.7
AVERAGE	1352.	17.3	8.7	0.9	68	9	2.5	65	0.03	0.01	0.08	0.33	0.00	0.01	3	31	22	0.42	7.1
MEDIAN	260.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 163.6

LOCATION CODE: 18-0000-02-025

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHATS FALLS B

DATE SAMPLED D M Y	HOURLY FLOW CFS	COLI FORMS /100ML	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		10.	11.0	12.0	1.4	72	15	3.5	73	0.02	0.00	0.00	0.42	0.00	0.00	2	30	26	0.38	7.4
18 5 66		152.	10.8	12.0	0.8	68				0.04		0.05	0.33	0.01	0.00	10				
27 6 66		30.	22.0	8.0	1.6	58	15	2.3	61	0.04	0.04	0.06	0.33	0.00	0.00	5				
5 8 66		30.	22.5	8.0	0.3	48	1	0.8	67	0.02	0.01	0.25	0.26	0.00	0.00	4	24	20	0.48	4.9
6 9 66		12000.	20.5	6.0	1.4	72	4	2.0	70	0.00	0.00	0.05	0.26	0.00	0.10	3				

NO. SAMPLES	5	5	5	5	4	4	4	5	4	5	5	5	5	5	2	2	2	2	
MAXIMUM	12000.	22.5	12.0	1.6	72	15	3.5	73	0.04	0.04	0.25	0.42	0.01	0.10	10	30	26	0.48	7.4
MINIMUM	10.	10.8	6.0	0.3	48	1	0.8	61	0.00	0.00	0.00	0.26	0.00	0.00	2	24	20	0.38	4.9
AVERAGE	2444.	17.4	9.2	1.1	63	8	2.1	67	0.02	0.01	0.08	0.32	0.00	0.02	4	27	23	0.43	6.1
MEDIAN	30.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 163.6

LOCATION CODE: 18-0000-02-025

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHATS FALLS B

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		0.												
5 8 66		8.									12.			

NO. SAMPLES 2

1

MAXIMUM	8.
MINIMUM	0.
AVERAGE	4.

12.
12.
12.

MAXIMUM KTONS/YR  
MINIMUM KTONS/YR  
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 163.6

LOCATION CODE: 18-0000-02-026

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHATS FALLS A

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19	4 66	50.		11.2	12.0	1.7	60	15	4.0	74	0.08	0.01	0.00	0.46	0.00	0.00	2	32	21	0.39	7.5
18	5 66	72.		10.5	11.0	0.9	46				0.06	0.06	0.05	0.33	0.01	0.00	10				
27	6 66	80.		21.5	8.0	1.2	90	15	1.8	60	0.04	0.01	0.10	0.33	0.00	0.00	6				
5	8 66	140.		22.5	8.0	0.3	50	2	2.1	68	0.06	0.02	0.13	0.33	0.00	0.00	4	24	20	0.44	7.2
6	9 66	1190.		20.0	5.0	0.5	88	4	2.8	80	0.00	0.00	0.16	0.33	0.00	0.10	3				

NO. SAMPLES	5	5	5	5	4	4	4	5	5	5	5	5	5	5	5	2	2	2	2
MAXIMUM	1190.	22.5	12.0	1.7	90	15	4.0	80	0.08	0.06	0.16	0.46	0.01	0.10	10	32	21	0.44	7.5
MINIMUM	50.	10.5	5.0	0.3	46	2	1.8	60	0.00	0.00	0.00	0.33	0.00	0.00	2	24	20	0.39	7.2
AVERAGE	306.	17.1	8.8	0.9	66	9	2.7	70	0.05	0.02	0.09	0.36	0.00	0.02	5	28	20	0.41	7.3
MEDIAN	80.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 163.6

LOCATION CODE: 18-0000-02-026

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CHATS FALLS A

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		0.												
5 8 66		10.												
											12.			

NO. SAMPLES	2	
MAXIMUM	10.	
MINIMUM	0.	
AVERAGE	5.	

1
12.
12.
12.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.6

LOCATION CODE: 18-0000-09-009

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CAN. INT. PAPER LAGOON OUTFALL A

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
20 4 66		4.		14.0	0.0	140.0	3772	446	74.0	1350	6.00	1.16	6.56	99.00	0.00	0.00	81	80		2.30	3.8
19 5 66		0.		14.0	0.0	80.0	3294	96	70.0	1440	4.90	1.80	82.00	*****	0.00	0.00	94				3.6
29 6 66		1000.		30.5	0.0	950.0		58	39.0	1200	1.60	1.40	23.00	58.00	0.06	0.05	73				
5 8 66		600.		25.0	0.0	580.0	2374	18		1275	3.20	0.60	61.50	94.00	0.01	0.02					3.0
9 9 66		10.		25.5	0.0	950.0		83	40.0		3.40	1.80		45.00	0.01		82				3.5

NO. SAMPLES	5	5	5	5	3	5	4	4	5	5	4	5	5	4	4	1			1	4
MAXIMUM	1000.	30.5	0.0	950.0	3772	446	74.0	1440	6.00	1.80	82.00	*****	0.06	0.05	94	80		2.30	3.8	
MINIMUM	0.	14.0	0.0	80.0	2374	18	39.0	1200	1.60	0.60	6.56	45.00	0.00	0.00	73	80		2.30	3.0	
AVERAGE	323.	21.8	0.0	540.0	3146	140	55.8	1316	3.82	1.35	43.26	85.20	0.02	0.02	82	80		2.30	3.5	
MEDIAN	10.																			

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 68.6

LOCATION CODE: 18-0000-09-009

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- CAN. INT. PAPER LAGOON OUTFALL A

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
20 4 66		0.									177.			
19 5 66		0.									84.			
29 6 66		0.												
5 8 66		0.									157.			
9 9 66		0.									473.			

NO. SAMPLES	5
MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

4
473.
84.
223.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

LOCATION CODE: 18-0000-20-027

SAMPLE POINT DESCRIPTION- ROCKLAND WATER WORKS

[illegible]



RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- 0 106.0

LOCATION CODE: 18-0000-20-027

STREAM- OTTAWA RIVER

SAMPLE POINT DESCRIPTION- ROCKLAND WATER WORKS

DATE SAMPLED	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLD RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18	3 66 1800	900.																			

NO. SAMPLES 19

MAXIMUM 56000.  
 MINIMUM 42.  
 AVERAGE 11894.  
 MEDIAN 1380.

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- S.NATION RIVER

STREAM MILEAGE- S 30.2

LOCATION CODE: 18-0020-02-002

STREAM- SCOTCH RIVER

SAMPLE POINT DESCRIPTION- CONC.17,BELOW ST.ISIDORE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		91000.		11.5	4.5	0.8			9.0	430	0.64	0.08	0.00	1.20	0.00	0.00					
4 11 65		5000.				1.6	418	10					0.00	0.84	0.00	0.00					
2 12 65		18000.		0.3	12.0	1.8	340	6	7.5		0.28		0.06	0.77	0.00	0.00	8				
11 2 66	1815	4700.		75.0	11.0	5.4	324	25	16.0	510	0.76	0.29	0.10	1.80	0.01		21				
22 3 66	1730	420.		1.0	12.0	2.0	250	54	27.0	210	0.34	0.16	0.23	0.71	0.01	0.00	5				
15 4 66	1730	310.		9.0	13.0	1.2	252	19		283	0.16	0.04	0.00		0.00	0.00	4				
3 5 66	1800	590.		10.0	6.0	1.6	242	15			0.22	0.12	0.03	0.20	0.00	0.04					
14 6 66	1620	5000.		23.5	4.0	1.8	314	16			1.28	1.00	0.18	1.30	0.00		13				
5 7 66	1755			25.0	7.0		338	11	7.0	486	2.16	1.42	0.46	2.10	0.00	0.02	29				
16 8 66	1715	27000.		21.0	5.0	4.8	568	26	7.0	829	8.60	6.00	0.05	2.30	0.01	0.03	101				
12 9 66	1645	12200.		15.0	1.0	6.8	418	29	23.0		5.30	4.60	0.82			0.04	57				

NO.SAMPLES	10	10	10	10	10	10	7	6	10	9	11	9	10	9	8
MAXIMUM	91000.	75.0	13.0	6.8	568	54	27.0	829	8.60	6.00	0.82	2.30	0.01	0.04	101
MINIMUM	310.	0.3	1.0	0.8	242	6	7.0	210	0.16	0.04	0.00	0.20	0.00	0.00	4
AVERAGE	16422.	19.1	7.5	2.8	346	21	13.8	458	1.97	1.52	0.18	1.25	0.00	0.01	29
MEDIAN	5000.														

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- SOUTH NATION R

STREAM MILEAGE- NSD 31.8

LOCATION CODE: 18-0020-02-003

STREAM- DUNVEGAN CREEK

SAMPLE POINT DESCRIPTION- 50 FT. DWNSTR. OF OUTFALL %-&lt;

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		59000.		11.5	7.0	1.6			6.5	660	0.66	0.40	0.00	1.00	0.00	0.00					
2 12 65	1540	15800.		0.0	11.0	3.0	468		34.0		0.50	0.40	0.36	0.91	0.00	1.10	15				
11 2 66	1730	29000.		0.5	13.0																
22 3 66	1700	8000.		2.0	11.0	2.4	388	88	39.0	307	0.78	0.26	0.23	0.33	0.01	0.30	5				
15 4 66	1800	190000.		9.5	16.0		352	15		517	0.13	0.06	0.08		0.00	0.00	11				
3 5 66	1710	51000.		9.0	10.0	1.4	368	15			0.34	0.31	0.00	0.00	0.00	0.04					
14 6 66	1555	1060000.		21.5	7.0	24.0	456	34			1.58		0.50	2.95	0.02		21				
5 7 66	1700			19.0	4.0																
16 8 66	1645	5700000.		23.0	2.0	44.0	1120	24	32.0	2037	29.50	29.20	0.02	28.90	0.01	0.03	357				
12 9 66	1610	2900000.		14.0	1.0	34.0	934	86	34.0	1671	22.50	21.00	27.80	28.10	0.00	0.04	290				

NO. SAMPLES	9	10	10	7	7	6	5	5	8	7	8	7	8	7	6
MAXIMUM	5700000.	23.0	16.0	44.0	1120	88	39.0	2037	29.50	29.20	27.80	28.90	0.02	1.10	357
MINIMUM	8000.	0.0	1.0	1.4	352	15	6.5	307	0.13	0.06	0.00	0.00	0.00	0.00	5
AVERAGE	1112533.	11.0	8.2	15.8	583	43	29.1	1038	7.00	7.38	3.62	8.88	0.00	0.22	116
MEDIAN	59000.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- SOUTH NATION R

STREAM MILEAGE- NSD 31.8

LOCATION CODE: 18-0020-02-004

STREAM- DUNVEGAN CREEK

SAMPLE POINT DESCRIPTION- 50 FT. UPSTR. OF OUTFALL #6

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		490.		11.5	8.0	0.5			4.0	640	0.12	0.08	0.00	0.60	0.00	0.00					
2 12 65	1530	830.		0.0	11.0	1.4	664		8.0		0.08	0.06	0.03	0.39	0.00	1.00	9				
11 2 66	1720	43000.		0.5	12.0																
22 3 66	1645	80.		2.0	9.0	1.8	420	134	48.0	309	0.55	0.22	0.23	0.33	0.01	0.28	6				
15 4 66	1745	16000.		9.5	15.0																
3 5 66	1700	22000.		9.0	13.0	1.4	390	15			0.06	0.05	0.02	0.40	0.00	0.05					
14 6 66	1545	730.		21.5	8.0	1.8	404	24			0.38	0.30	0.05	1.30	0.00		9				
5 7 66	1650	31000.		19.0	7.0																
16 8 66	1620	45000.		16.0	2.0	28.0	588	27	13.0	795	5.40	4.20	0.13	3.50	0.01	0.03	39				
12 9 66	1550	17600.		14.0	1.0	8.8	504	41	27.0	778	7.20	6.60	5.20		0.01	0.05	61				

NO. SAMPLES	10	10	10	7	6	5	5	4	7	7	7	6	7	6	5
MAXIMUM	45000.	21.5	15.0	28.0	664	134	48.0	795	7.20	6.60	5.20	3.50	0.01	1.00	61
MINIMUM	80.	0.0	1.0	0.5	390	15	4.0	309	0.06	0.05	0.00	0.33	0.00	0.00	6
AVERAGE	17673.	10.3	8.6	6.2	495	48	20.0	630	1.97	1.64	0.81	1.09	0.00	0.23	24
MEDIAN	16800.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- S. NATION RIVER

STREAM MILEAGE- S 32.3

LOCATION CODE: 18-0020-02-005

STREAM- SCOTCH RIVER

SAMPLE POINT DESCRIPTION- COUNTY RD., S. OF ST. ISIDORE \*\*\*

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65	870.		12.0	9.0	1.2			3.3	365	0.20	0.12	0.00	1.00	0.00	0.00					
4 11 65	1900.				1.7	300	45					0.00	0.84	0.00	0.00					
2 12 65	520.		0.0	13.0	1.6	300		4.0		0.08	0.08	0.03	0.71	0.00	0.00	3				
11 2 66 1700	110.		0.5	8.0	3.4	332	10	12.0	375	0.58	0.08	0.08	2.60	0.01		22				
22 3 66 1630	50.		1.5	12.0	4.4	218	10		195	0.18	0.10	0.08	0.52	0.01	0.00	4				
15 4 66 1830	70.		10.5	14.0		216	15		270	0.04	0.02	0.00		0.00	0.00	3				
3 5 66 1630	29000.		10.0	11.0	1.5	230	15			0.06		0.00	0.00	0.00	0.08					
14 6 66 1530	7000.		24.5	10.0	2.0	304	15			0.14	0.08	0.12	1.10	0.00		6				
5 7 66 1630	1000.		27.0	9.0		280	11	3.3	330	0.26	0.08	0.30	1.95	0.00	0.02	2				
16 8 66 1615	1270.		21.0	10.0	2.4	208	5			0.12	0.01	0.12	1.40	0.02	0.03	2				
12 9 66 1530	4000.		10.0	17.0																

NO. SAMPLES	11	10	10	8	9	8	4	5	9	8	10	9	10	8	7
MAXIMUM	29000.	27.0	17.0	4.4	332	45	12.0	375	0.58	0.12	0.30	2.60	0.02	0.08	22
MINIMUM	50.	0.0	8.0	1.2	208	5	3.3	195	0.04	0.01	0.00	0.00	0.00	0.00	2
AVERAGE	4163.	11.7	11.3	2.3	265	15	5.6	307	0.18	0.07	0.07	1.12	0.00	0.02	6
MEDIAN	1000.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- S. NATION RIVER

STREAM MILEAGE- N 39.0

LOCATION CODE: 18-0020-02-006

STREAM- S. NATION RIVER

SAMPLE POINT DESCRIPTION- DOWNSTREAM OF CASSELMAN

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		14000.		11.0	7.5	1.8			7.0	480	0.84	0.60	0.00	1.00	0.00	0.00	20	268	204	0.08	8.0
2 12 65	1630	10100.		1.0	11.0	7.0	206		12.0	445	0.70	0.56	0.33	1.40	0.00	0.00	13				
19 2 66	1840	98.		0.3	7.0	5.2	234	10	9.0	375	1.02	0.82	0.05	1.60	0.02	0.30	80				
22 3 66	1805	26000.		1.5	11.0	12.0	200	74	27.0	196	1.02	0.42	0.05	1.20	0.00	0.00	6				
15 4 66	1615	300000000.		9.5	11.0	21.0	368	15		458	2.65	0.59	0.05		0.00	0.00	19				
3 5 66	1945	69000.		9.5	10.0	12.0	352	15			0.84	0.74	0.03	2.80	0.00	0.12					
14 6 66	1720	*****		23.0	8.0	116.0	450	51	50.0		6.60	2.80		6.80	0.00		21				
5 7 66	1835	1680000.		28.0	9.0		374	15	8.0	549	2.56	2.24	0.50	2.80	0.00	0.00	20				
16 8 66	2045	740000000.		23.0	5.0	76.0	442	47	45.0	581	13.20	9.60	0.33	5.90	0.01	0.03	36				
12 9 66	1645	168000000.		20.0	4.0	136.0	504	73	27.0	634	11.80	9.60	5.90	7.30	0.00	0.05	34				

NO. SAMPLES	10	10	10	9	9	8	8	8	10	10	9	9	10	9	9	1	1	1	1
MAXIMUM	*****	28.0	11.0	136.0	504	74	50.0	634	13.20	9.60	5.90	7.30	0.02	0.30	80	268	204	0.08	8.0
MINIMUM	98.	0.3	4.0	1.8	200	10	7.0	196	0.70	0.42	0.00	1.00	0.00	0.00	6	268	204	0.08	8.0
AVERAGE	22259920.	12.7	8.3	43.0	347	37	23.1	464	4.12	2.80	0.80	3.42	0.00	0.06	27	268	204	0.08	8.0
MEDIAN	874500.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- RIDEAU R. &amp; N. R.

STREAM MILEAGE- OR 0.2

LOCATION CODE: 18-0033-02-001

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- SUSSEX DRIVE., OTTAWA - E

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 4 66		60.		14.0	9.0	1.3	216	15	4.0		0.18	0.05	0.06	0.84	0.00	0.00					
18 5 66		210.		12.3	9.0	1.1	218				0.06	0.03	0.24	0.91	0.01	0.00	19				
27 6 66		140.		27.5	7.0	2.2			4.0		0.30	0.14	0.05	1.10	0.00	0.40	14				
5 8 66		350.		27.5	6.0	1.2	184	7		278	0.34	0.22	0.28	2.80	0.03	0.10	14				
6 9 66		29000.		19.0	6.5																

NO. SAMPLES	5	5	5	4	3	2	2	1	4	4	4	4	4	4	4	3
MAXIMUM	29000.	27.5	9.0	2.2	218	15	4.0	278	0.34	0.22	0.28	2.80	0.03	0.40	19	
MINIMUM	60.	12.3	6.0	1.1	184	7	4.0	278	0.06	0.03	0.05	0.84	0.00	0.00	14	
AVERAGE	5952.	20.1	7.5	1.4	206	11	4.0	278	0.22	0.11	0.16	1.41	0.01	0.12	15	
MEDIAN	210.															

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- RIDEAU &amp; N. R.

STREAM MILEAGE- OR 0.2

LOCATION CODE: 18-0033-02-001

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- SUSSEX DRIVE., OTTAWA - E

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
18 4 66		0.												

NO. SAMPLES 1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	



RIVER BASIN- RIDEAU R. &amp; R.

STREAM MILEAGE- OR 0.2

LOCATION CODE: 18-0033-02-002

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- SUSSEX DRIVE, OTTAWA - W

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
18 4 66		60.		13.5	10.0	1.6	212	15	3.6		0.15	0.01	0.00	0.65	0.00	0.00					
18 5 66		160.		12.0	10.0	1.4	214	12			0.02	1.00	0.02	0.00	0.02	0.06	10				
27 6 66		30.		27.0	7.5	2.1	228	16	3.5		0.26	0.18	0.05	1.10	0.00	0.05					
5 8 66		380.		27.5	7.0	1.2	182	1		282	0.40	0.16	0.26	1.80	0.01	0.10	16				
6 9 66		670.		19.5	7.0	0.8	174	5	3.1		0.30	0.18	0.16	0.40	0.01	0.10	9				

NO. SAMPLES	5	5	5	5	5	5	3	1	5	5	5	5	5	5	3
MAXIMUM	670.	27.5	10.0	2.1	228	16	3.6	282	0.40	1.00	0.26	1.80	0.02	0.10	16
MINIMUM	30.	12.0	7.0	0.8	174	1	3.1	282	0.02	0.01	0.00	0.00	0.00	0.00	9
AVERAGE	260.	19.9	8.3	1.4	202	9	3.4	282	0.23	0.31	0.10	0.79	0.01	0.06	11
MEDIAN	160.														

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- RIDEAU &amp; N. R.

STREAM MILEAGE- OR 0.2

LOCATION CODE: 18-0033-02-002

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- SUSSEX DRIVE, OTTAWA - W

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
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18	4	66	0.											
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NO. SAMPLES	1
MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- RIDEAU RIVER

STREAM MILEAGE- RK 34.9

LOCATION CODE: 18-0033-02-003

STREAM- KEMPTVILLE CR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 43

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65		108000.		12.5	3.5	3.6			2.8	385	0.36	0.20	0.05	1.50	0.01	0.00	12	236	198	0.10	7.9
10 3 66		6000.		0.0	10.0	2.2	168	15	1.3	255	0.22	0.22	0.05	0.91	0.01	0.00	4	140	121	0.38	7.2
18 4 66		14200.		13.0	11.0	1.8	284	15	1.1		0.16	0.03	0.10	7.80	0.00	0.00					
18 5 66		7000.		13.0	9.0	2.0	250	40			0.12	1.20	0.01	0.06	0.20	0.10	15				
27 6 66		12000.		28.0	7.0	4.2	154	15	2.1		0.30	0.18	0.15	1.80	0.00	0.05	6				
5 8 66		650.		27.0	2.0																
6 9 66		6000.		20.0	6.5	13.0	326	24	13.0	464	2.88	2.76	0.85	3.10	0.00	0.03	27				

NO. SAMPLES	7	7	7	6	5	5	5	3	6	6	6	6	6	6	5	2	2	2	2
MAXIMUM	108000.	28.0	11.0	13.0	326	40	13.0	464	2.88	2.76	0.85	7.80	0.20	0.10	27	236	198	0.38	7.9
MINIMUM	650.	0.0	2.0	1.8	154	15	1.1	255	0.12	0.03	0.01	0.06	0.00	0.00	4	140	121	0.10	7.2
AVERAGE	21979.	16.2	7.0	4.5	236	21	4.1	368	0.67	0.76	0.20	2.53	0.04	0.03	12	188	159	0.24	7.5
MEDIAN	7000.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- RIDEAU RIVER

STREAM MILEAGE- RK 34.9

LOCATION CODE: 18-0033-02-003

STREAM- KEMPTVILLE CR.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 43

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
18 4 66		0.												

NO. SAMPLES	1
MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- RIDEAU %S&lt; R.

STREAM MILEAGE- R 60.2

LOCATION CODE: 18-0033-02-004

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 43

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CAC03 PPM	TOT IRON PPM	PH AT LAB
21 10 65	6000000.		12.0	8.0	3.4			2.9	230			0.00	1.60	0.00	0.00	8	120	98	0.05	7.6
10 3 66	43000.		0.5	9.0	2.9	140	15	1.4	229	0.34	0.12	0.13	1.30	0.00	0.00	6	110	98	0.32	7.3
19 4 66	480.		12.5	10.0	1.2	154	15	2.3		0.12	0.09	0.08	0.84	0.00	0.00					
18 5 66	250000.		12.0	8.0	2.9	232	68			0.20	1.55	0.01	0.06	0.68	0.30	16				
27 6 66	470.		29.0	8.0	4.5	176	15	4.0		1.06	0.32	0.46	2.80	0.00	0.00	19				
5 8 66	5000.		27.0	7.0	0.6	154	32	24.0	218	0.86	0.48	0.76	2.20	0.02	0.00	10				
31 8 66			23.0	9.0	1.1		1				0.02	0.08		0.00	0.07					

NO. SAMPLES	6	7	7	7	5	6	5	3	5	6	7	6	7	7	5	2	2	2	2
MAXIMUM	6000000.	29.0	10.0	4.5	232	68	24.0	230	1.06	1.55	0.76	2.80	0.68	0.30	19	120	98	0.32	7.6
MINIMUM	470.	0.5	7.0	0.6	140	1	1.4	218	0.12	0.02	0.00	0.06	0.00	0.00	6	110	98	0.05	7.3
AVERAGE	1049825.	16.6	8.4	2.4	171	24	6.9	225	0.52	0.43	0.22	1.47	0.10	0.05	11	115	98	0.18	7.4
MEDIAN	24000.																		

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- RIDEAU &amp; S. R.

STREAM MILEAGE- R 60.2

LOCATION CODE: 18-0033-02-004

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 43

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO <sub>4</sub> PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
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19	4	66	4.											
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NO. SAMPLES	1
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MAXIMUM	4.
MINIMUM	4.
AVERAGE	4.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- RIDEAU &amp; K. R.

STREAM MILEAGE- R 60.4

LOCATION CODE: 18-0033-02-005

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- ABOVE SMITH FALLS S.T.P.

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
31	8 66 1600	128.		2.4	9.0	1.2		1		206	0.08	0.08	0.16	0.91	0.00	0.07					

NO. SAMPLES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAXIMUM	128.	2.4	9.0	1.2	1	206	0.08	0.08	0.16	0.91	0.00	0.07								
MINIMUM	128.	2.4	9.0	1.2	1	206	0.08	0.08	0.16	0.91	0.00	0.07								
AVERAGE	128.	2.4	9.0	1.2	1	206	0.08	0.08	0.16	0.91	0.00	0.07								
MEDIAN	128.																			

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- RIDEAU RIVER

STREAM MILEAGE- RT 73.4

LOCATION CODE: 18-0033-02-006

STREAM- TAY RIVER

SAMPLE POINT DESCRIPTION- SCOTCH LINE RD., BELOW PERTH

DATE SAMPLED D M Y	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
21 10 65	15000.		13.0	8.5	0.1			3.8	160	0.12	0.06	0.00	0.60	0.00	0.00	4	86	68	0.00	7.7
10 3 66	7000.		0.5	12.0	4.4	294	159	10.0	186	0.64	0.12	0.05	1.92	0.00	0.00	6	92	71	2.95	7.3
19 4 66	900.		11.0	9.0	1.5	80	15	1.8		0.08	0.01	0.20		0.00						
18 5 66	11000.		12.5	8.0	1.2	150	10			0.08	0.03	0.10	0.46	0.01	0.00	18				
27 6 66	130.		28.0	8.5	2.5	124	15	2.6		0.34	0.30	0.06	0.65	0.00	0.00	6				
5 8 66	590.		27.0	8.0	1.6	122	16	10.0	156	0.16	0.04	0.10	0.40	0.00	0.05	6				
31 8 66	3800.		23.0	8.0	1.5		2		156	0.06	0.04	0.05	0.71	0.00	0.07					

NO. SAMPLES	7	7	7	7	5	6	5	4	7	7	7	6	7	6	5	2	2	2	2
MAXIMUM	15000.	28.0	12.0	4.4	294	159	10.0	186	0.64	0.30	0.20	1.92	0.01	0.07	18	92	71	2.95	7.7
MINIMUM	130.	0.5	8.0	0.1	80	2	1.8	156	0.06	0.01	0.00	0.40	0.00	0.00	4	86	68	0.00	7.3
AVERAGE	5489.	16.4	8.9	1.8	154	36	5.6	164	0.21	0.09	0.08	0.79	0.00	0.02	8	89	69	1.47	7.5
MEDIAN	3800.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR



RIVER BASIN- RIDEAU RIVER

STREAM MILEAGE- RT 73.4

LOCATION CODE: 18-0033-02-006

STREAM- TAY RIVER

SAMPLE POINT DESCRIPTION- SCOTCH LINE RD., BELOW PERTH

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		4.												

NO. SAMPLES 1

MAXIMUM	4.
MINIMUM	4.
AVERAGE	4.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- RIDEAU RIVER

STREAM MILEAGE- R 82.4

LOCATION CODE: 18-0033-02-007

STREAM- RIDEAU RIVER

SAMPLE POINT DESCRIPTION- NARROWS LOCK BRIDGE

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
6 6 66	1630	50.		19.5	9.0	1.4	160			222	0.08	0.08	0.00	0.71	0.00	0.00	6				
19 7 66	1930	20.		23.0	7.0	0.6	148		1.8		0.06	0.01	0.02	0.84	0.00	0.10					
15 8 66	1825	30.		21.0	8.0	1.5	184			222	0.12	0.04	0.20	0.77	0.03	0.00					

NO. SAMPLES	3	3	3	3	3	1	2	3	3	3	3	3	3	1
MAXIMUM	50.	23.0	9.0	1.5	184	1.8	222	0.12	0.08	0.20	0.84	0.03	0.10	6
MINIMUM	20.	19.5	7.0	0.6	148	1.8	222	0.06	0.01	0.00	0.71	0.00	0.00	6
AVERAGE	33.	21.2	8.0	1.2	164	1.8	222	0.09	0.04	0.07	0.77	0.01	0.03	6
MEDIAN	30.													

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- RC 0.2

LOCATION CODE: 18-0034-02-001

STREAM- RIDEAU CANAL

SAMPLE POINT DESCRIPTION- LOCK NO.1

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
17	5	66				2.6	280	45			0.01	0.01	0.13	1.00	0.01	0.06	36				
29	6	66		13.5	11.0	2.5			3.8		0.14	0.01	0.06	1.10	0.00						
5	8	66		30.0	8.0	3.0	218	16	6.5	286	0.28	0.16	0.56	2.50	0.01	0.10	10				
6	9	66		23.5	8.0	5.1	196	16	9.5	216	0.26	0.04	0.20	1.10	0.00	0.10	8				

NO. SAMPLES	3	3	3	4	3	3	3	3	2	4	4	4	4	4	3	3
MAXIMUM	11000.	30.0	11.0	5.1	280	45	9.5	286	0.28	0.16	0.56	2.50	0.01	0.10	36	
MINIMUM	70.	13.5	8.0	2.5	196	16	3.8	216	0.01	0.01	0.06	1.00	0.00	0.06	8	
AVERAGE	7023.	22.3	9.0	3.3	231	25	6.6	251	0.17	0.05	0.24	1.42	0.00	0.09	18	
MEDIAN	10000.															

MAXIMUM KILOTONS/YEAR  
MINIMUM KILOTONS/YEAR  
AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- RC 0.2

LOCATION CODE: 18-0034-02-001

STREAM- RIDEAU CANAL

SAMPLE POINT DESCRIPTION- LOCK NO. 1

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO <sub>4</sub> PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
17 5 66		8.												
29 6 66		0.												
5 8 66		8.												

NO. SAMPLES	3
MAXIMUM	8.
MINIMUM	0.
AVERAGE	5.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- M 2.0

LOCATION CODE: 18-0047-02-001

STREAM- MISSISSIPPI R.

SAMPLE POINT DESCRIPTION- NORTHEAST OF GALETTA

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66		40.		11.5	9.0	1.8	150	15	2.6	215	0.14	0.03	0.00	0.78	0.00	0.00	5	110	90	0.20	8.1
18 5 66		210.		12.0	12.0	1.3	162				0.08	0.06	0.00	0.33	0.01	0.00	17				
29 6 66		1020.		27.0	7.5	2.3	172	15	3.8		0.16	0.08	0.02	0.46	0.00	0.00	10				
5 8 66		310.		23.0	7.0	0.8	146	5		241	0.24	0.14	0.33	0.65	0.01	0.00	10				
6 9 66		640.		21.5	6.0	0.8	158	7	3.6			0.10	0.08	0.52	0.02	0.05	10				

NO. SAMPLES	5	5	5	5	5	4	3	2	4	5	5	5	5	5	5	1	1	1	1
MAXIMUM	1020.	27.0	12.0	2.3	172	15	3.8	241	0.24	0.14	0.33	0.78	0.02	0.05	17	110	90	0.20	8.1
MINIMUM	40.	11.5	6.0	0.8	146	5	2.6	215	0.08	0.03	0.00	0.33	0.00	0.00	5	110	90	0.20	8.1
AVERAGE	444.	19.0	8.3	1.4	157	10	3.3	228	0.15	0.08	0.09	0.55	0.01	0.01	10	110	90	0.20	8.1
MEDIAN	310.																		

MAXIMUM KILOTONS/YEAR

MINIMUM KILOTONS/YEAR

AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM-MILEAGE- M 2.0

LOCATION CODE: 18-0047-02-001

STREAM- MISSISSIPPI R.

SAMPLE POINT DESCRIPTION- NORTHEAST OF GALETTA

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		0.												

NO. SAMPLES 1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR
MINIMUM KTONS/YR
AVERAGE KTONS/YR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- M 0.7

LOCATION CODE: 18-3490-02-020

STREAM- MADAWASKA R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 17

DATE SAMPLED D M Y	HOUR	COLI FORMS /100ML	FLOW CFS	WATER TEMP C.	DO PPM	5-DAY BOD PPM	TOT SOL PPM	SUSP SOL PPM	TURB IDITY UNITS	COND 25C. UMHO	TOT PO4 PPM	SOL PO4 PPM	NH-3 AS N PPM	TOT KJEL PPM	NO-2 AS N PPM	NO-3 AS N PPM	CHLO RIDE PPM	HARD NESS PPM	ALK CACO3 PPM	TOT IRON PPM	PH AT LAB
19 4 66				11.8	10.0	1.1	116	15	3.5	132	0.16	0.03	0.00	0.42	0.00	0.00	3	66	53	0.88	7.8
18 5 66		60.		11.5	8.0	0.7	104				0.02	0.01		0.20	0.01						
29 6 66		10.		25.0	8.0	1.1	94	15	2.6		0.10	0.03	0.26	0.00	0.00	0.00	7				
5 8 66		150.		23.0	7.0	1.0	70	7	5.5	121	0.04	0.00	0.13		0.00	0.00					
6 9 66				21.5	7.0	0.9	98	7	3.1			0.15	0.08	0.33	0.00	0.05	4				

NO. SAMPLES	3	5	5	5	5	4	4	2	4	5	4	4	5	4	3	1	1	1	1
MAXIMUM	150.	25.0	10.0	1.1	116	15	5.5	132	0.16	0.15	0.26	0.42	0.01	0.05	7	66	53	0.88	7.8
MINIMUM	10.	11.5	7.0	0.7	70	7	2.6	121	0.02	0.00	0.00	0.00	0.00	0.00	3	66	53	0.88	7.8
AVERAGE	73.	18.6	8.0	1.0	96	11	3.7	126	0.08	0.04	0.12	0.24	0.00	0.01	4	66	53	0.88	7.8
MEDIAN	60.																		

MAXIMUM KILOTONS/YEAR  
 MINIMUM KILOTONS/YEAR  
 AVERAGE KILOTONS/YEAR

RIVER BASIN- OTTAWA RIVER

STREAM MILEAGE- M 0.7

LOCATION CODE: 18-3490-02-020

STREAM- MADAWASKA R.

SAMPLE POINT DESCRIPTION- HIGHWAY NO. 17

DATE SAMPLED D M Y	HOUR	PHENOL PPB	ANIONIC DETERGENT PPM	TOTAL ARSENIC PPM	CHEMICAL OXYGEN PPM	TOTAL CHROME PPM	TOTAL COPPER PPM	CYANIDE AS HCN PPM	ETHER SOLUBLES PPM	TOTAL FLUORIDE PPM	SULPHATE AS SO4 PPM	TOTAL NICKEL PPM	TOTAL LEAD PPM	TOTAL ZINC PPM
19 4 66		0.												

NO. SAMPLES 1

MAXIMUM	0.
MINIMUM	0.
AVERAGE	0.

MAXIMUM KTONS/YR	
MINIMUM KTONS/YR	
AVERAGE KTONS/YR	6

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